

# Recombinant Human Desmoglein-3(DSG3),partial

Catalog No: #AP70245

Package Size: #AP70245-1 20ug #AP70245-2 100ug #AP70245-3 1mg

## Description

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | Recombinant Human Desmoglein-3(DSG3),partial                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Host Species          | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Purification          | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Immunogen Description | Expression Region:50-615aaSequence Info:Extracellular Domain                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Other Names           | 130KDA pemphigus vulgaris antigen ;PVACadherin family member 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Accession No.         | P32926                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Calculated MW         | 79 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Tag Info              | N-terminal 6xHis-SUMO-tagged                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Target Sequence       | EWVKFAKPCREGEDNSKRNP IAKITSDYQATQKITYRISGVGIDQPPFGIFVVDKNTGDINITAIVDREETPSFLIT<br>CRALNAQGLDVEKPLILTVKILDINDNPPVFSQQIFMGEIEENSASNSLVMLNATDADEPNHLNSKIAFKIVSQE<br>PAGTPMFLLSRNTGEVRLTNSLDREQASSYRLVVS GADKDGEGSLSTQCECNKVKDVNDNFPMFRDSQYSA<br>RIEENILSSELLRFQVTDLDEEYTDNLAVYFFTS GNEGNWFEIQTDPRTNEGILKVVKALDYEQLQSVKLSIAV<br>KNKAEFHQSVISRYRVQSTPVTIQVINVREGIAFRPASKTFTVQKGISSKKLVLDYILGTQAIDEDTNKAASN VKY<br>VMGRNDGGYLMIDSKTAEIKFVKNMNRDSTFIVNKTITAEVLAIDEYTGKTSTGT VYVRVPDFDNCPTAVLEK<br>DAVCSSSPSVVVSARTLNNRYTGPYTFALDQPVKLPVWSITTLNATSALLRAQEQIPPGVYHISLVLTDSQN<br>NRCEMPRSLTLEVCQCDNRGICGTSYPTTSPGTRYGRPHSGR |
| Formulation           | Tris-based buffer50% glycerol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Storage               | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br><br>Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                   |

## Background

Component of intercellular desmosome junctions. Involved in the interaction of plaque proteins and intermediate filaments mediating cell-cell adhesion.

## References

Initial characterization of the human central proteome.Burkard T.R., Planyavsky M., Kaupe I., Breitwieser F.P., Buerckstuemmer T., Bennett K.L., Superti-Furga G., Colinge J.BMC Syst. Biol. 5:17-17(2011) Research Topic:Cell Adhesion

Note: This product is for in vitro research use only and is not intended for use in humans or animals.