

# Recombinant Human HLA class I histocompatibility antigen, alpha chain E(HLA-E) ,partial

Catalog No: #AP70998

Package Size: #AP70998-1 20ug #AP70998-2 100ug #AP70998-3 1mg

## Description

|                       |                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | Recombinant Human HLA class I histocompatibility antigen, alpha chain E(HLA-E) ,partial                                                                                                                                                                                                                                                                                                         |
| Host Species          | E.coli                                                                                                                                                                                                                                                                                                                                                                                          |
| Purification          | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                     |
| Immunogen Description | Expression Region:22-305aaSequence Info:Extracellular Domain                                                                                                                                                                                                                                                                                                                                    |
| Other Names           | MHC class I antigen E                                                                                                                                                                                                                                                                                                                                                                           |
| Accession No.         | P13747                                                                                                                                                                                                                                                                                                                                                                                          |
| Calculated MW         | 48.7 kDa                                                                                                                                                                                                                                                                                                                                                                                        |
| Tag Info              | N-terminal 6xHis-SUMO-tagged                                                                                                                                                                                                                                                                                                                                                                    |
| Target Sequence       | GSHSLKYFHTSVSRPGRGEPRFISVGYVDDTQFVRFDNDAASPRMVPRAPWMEQEGSEYWDRETRSARDT<br>AQIFRVNLRLRGYYNQSEAGSHTLQWMHGCELGPDRLRGYEQFAYDGKDYLTNEDLRSWTAVDTAAQI<br>SEQKSNDAEAEHQRAYLEDTCVEWLHKYLEKGKETLLHLEPPKTHVTHHPISDHEATLRCWALGFYPAEITL<br>TWQQDGEGHTQDTELVTETRPAGDGTQKWAADVVPVGEEQRYTCHVQHEGLPEPVTLRWKPASQPTIPI                                                                                             |
| 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

Preferably binds to a peptide derived from the signal sequence of most HLA-A, -B, -C and -G molecules.

## References

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

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