

Recombinant Human Cadherin-1(CDH1),partial

Catalog No: #AP70150

Package Size: #AP70150-1 20ug #AP70150-2 100ug #AP70150-3 1mg

Description

Product Name	Recombinant Human Cadherin-1(CDH1),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:155-707aaSequence Info:Partial
Other Names	CAM 120,80Epithelial cadherin ;E-cadherinUvomorulin; CD324
Accession No.	P12830
Calculated MW	64.4 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	DWVIPPISCPENEKGFPPKLNVLQIKSNKDKEGKVFYSITGGADTPPVGVFIIERETGWLKVTEPLDRERIATYT LFSHAVSSNGNAVEDPMEILITVTDQNDNKPEFTQEVFKGSVMEGALPGTSVMEVTATDADDDVNTYNAAIAY TILSQDPELPDKNMFTINRNTGVISVTTGLDRESFPTYTLVVQAADLQGEGLSTTATAVITVTDNDNPPIFNPT TYKGQVPENEAENVITTLKVTADAPNTPAWEAVYTILNDDGGQFVVTNPNVNDGILKTAKGLDFEAKQQYIL HVAVTNVVPFEVSLTTSTATVTVDVLDVNEAPIFVPPEKRVEVSEDFGVGQEITSYTAQEPDTFMEQKITYRIW RDTANWLEINPDTGAISTRAELDREDFEHVKNSTYALIIATDNGSPVATGTGTLILLSDVNDNAPIPEPRTIFFC ERNPKPQVINIIDADLPNTSPFTAELTHGASANWTIQYNDPTQESIILKPKMALEVGDYKINLKLMDNQNKDQV TTLEVSVCDCEGAAGVCRKAQPVEAGLQI
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. 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

Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. CDH1 is involved in mechanisms regulating cell-cell adhesions, mobility and proliferation of epithelial cells. Has a potent invasive suppressor role. It is a ligand for integrin alpha-E,beta-7.

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:Signal Transduction

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