

Recombinant human Cadherin-12

Catalog No: #AP72204



Package Size: #AP72204-1 20ug #AP72204-2 100ug #AP72204-3 1mg

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Support: tech@signalwayantibody.com

Description

Product Name	Recombinant human Cadherin-12
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:56-605aaSequence Info:Partial
Other Names	Brain cadherin ;BR-cadherinNeural type cadherin 2 ;N-cadherin 2
Accession No.	P55289
Uniprot	P55289
GenID	1010;
Calculated MW	64.8 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	WWWNQFFVLEEYVGSEPYVVGKLSLDLKGEGTVKTYLSGDGAGTVFTIDETTGDIIHAIRSLDREEKPFYTLR AQAVDIETRKPLEPESEFIIKVDINDNEPKFLDGPYVATVPEMSPVGAYVLQVKATDADDPTYGNSARVVYSIL QGQPYFSIDPKTGVIRTALPNMDREVKEQYQVLIQAKDMGGQLGGLAGTTIVNITLTDVNDNPPRFPKSIFHLK VPESSPIGSAIGRIRAVDPDFGQNAEIEYNIVPGDGGNLFDIVTDEDTQEGVIKLLKPLDFETKKAYTFKVEASNL HLDHRFHSAGPFKDTATVKISVLDVDEPPVFSKPLYTMEVYEDTPVGTIIGAVTAQDLVGVSSAVRYFIDWKSD GDSYFTIDGNEGTIATNELLDRESTAQYNFSIIASKVSNPLLSKVNILINLVDVNEFPPEISVPYETAVCENAKPG QIIQVSAADRDLSAPAGQQFSFRLSPEAAIKPNFTVRDFRNNTAGIETRRNGYSRRQELYFLPVVIEDSSYPVQ SSTNTMTIRVCRCDSDGTILSCNVEA
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.

References

Cloning of five human cadherins clarifies characteristic features of cadherin Extracellular domain and provides further evidence for two structurally different types of cadherin. Tanihara H., Sano K., Heimark R.L., St John T., Suzuki S. Cell Adhes. Commun. 2:15-26(1994) Research Topic: Cell Adhesion

Note: This product is for in vitro research use only