

Recombinant Human CDH12 Protein (56-605 aa), His-tagged

Cat. No. CDH12-1256H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDH12 Protein (56-605 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cell Adhesion. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	56-605 aa
Description	Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with thselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types.
Form	Tris-based buffer,50% glycerol
Molecular Mass	64.8 kDa
AA Sequence	WVWNQFFVLEEYVGSEPPQYVGKLHSDLDKGEGTVKYTLSGDGAGTVFTIDETTGDI HAIRSLDREEKPFYTLRAQAVDIETRKPLEPESEFIKVDINDNEPKFLDGPYVATVP EMSPVGAYVLQVKATDADDPTYGNSARVVYSILQGQPYFSIDPKTGVIRTALPNMDR EVKEQYQVLIQAKDMGGQLGGLAGTTIVNITLTDVNDNPPRFPKSFHLLKVPESPIG SAIGRIRAVDPDFGQNAEIEYNIVPGDGGNLFDIVTDEDTQEGVIKLLKPLDFETKKAY TFKVEASNLHLDHRFHSAGPFKDTATVKISVLDVDEPPVFSKPLYTMEVYEDTPVGTI IGAVTAQDLVDVGSSAVRYFIDWKS DGDSYFTIDGNEG TIATNELLDRESTAQYNFSIIA

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SKVSNPLLTSKVNILINVLDVNEFPPEISVPYETAVCENAKPGQIIQIVSAADRDLSPAG
 QQFSFRLSPEAAIKPNFTVRDFRNNTAGIETRRNGYSRRQQELYFLPVVIEDSSYPV
 QSSTNTMTIRVCRCDSDGTILSCNVEA

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name CDH12 cadherin 12, type 2 (N-cadherin 2) [Homo sapiens]

Official Symbol CDH12

Synonyms CDH12; cadherin-12; Br cadherin; CDHB; Br-cadherin; N-cadherin 2; FLJ34857;

Gene ID 1010

mRNA Refseq NM_004061

Protein Refseq NP_004052

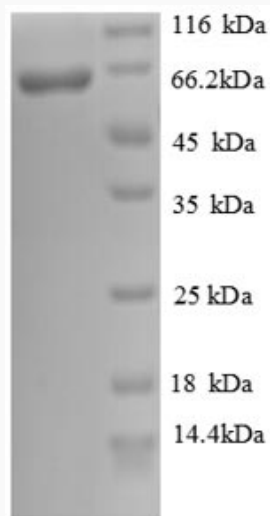
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MIM 600562

UniProt ID P55289



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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