Recombinant Human CDH2 protein, His-Fc-tagged

Cat. No. CDH2-315H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDH2 protein(NP_001783.2) (Met 1-Ala 724) was expressed in HEK293, fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-724 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The secreted recombinant human CDH2 is a disulfide-linked homodimeric protein. The reduced monomer comprises 813 amino acids and has a predicted molecular mass of 89.9 kDa. As a result of glycosylation, it migrates as an apximately 114 and 119 kDa band in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 70 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

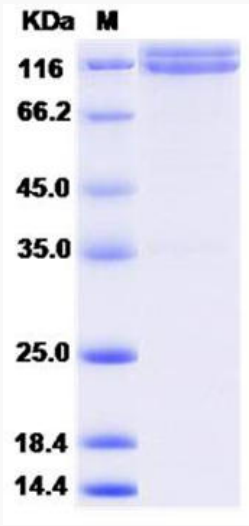
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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_001783.2
Unit ID	P19022
Unit ID-Weblink	http://www.uniprot.org/uniprot/P19022

GENE INFORMATION

Gene Name	CDH2 cadherin 2, type 1, N-cadherin (neuronal) [Homo sapiens]
Official Symbol	CDH2
Synonyms	CDH2; cadherin 2, type 1, N-cadherin (neuronal); NCAD; cadherin-2; CD325; CDHN; N cadherin; N-cadherin 1; neural cadherin; neural-cadherin; cadherin 2, N-cadherin (neuronal); calcium-dependent adhesion protein, neuronal; CDw325;
Gene ID	1000
mRNA Refseq	NM_001792
protein Refseq	NP_001783
MIM	114020

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SDS-PAGE	

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