

Recombinant Human CDH2 protein(Met1-Ala724), His&hFc-tagged

Cat. No. CDH2-2360H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDH2 (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	Met1-Ala724
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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 approximately 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	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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.

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

UniProt ID P19022

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