Recombinant Human CDH12 protein, His-tagged

Cat. No. CDH12-2177H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDH12 protein(NP_001783.2)(Met1-Ala605), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Ala605
Form	Lyophilized from sterile 50mM sodium citrate, 50mM NaCl, 2mM CaCl2, pH 6.0Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant human CDH12 comprises 593 amino acids and has a predicted molecular mass of 66 kDa. The apparent molecular mass of rhCDH12 is approximately 80-85 kDa in SDS-PAGE due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 80 % 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 be aliquoted 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.

GENE INFORMATION

Gene Name	CDH12 cadherin 12, type 2 (N-cadherin 2) [Homo sapiens]
Official Symbol	CDH12
Synonyms	CDH12; cadherin 12, type 2 (N-cadherin 2); cadherin-12; Br cadherin; CDHB; Br-cadherin; N-cadherin 2; brain cadherin; brain-cadherin; neuronal cadherin 2; neural type cadherin 2; cadherin, neural type, 2; FLJ34857;
Gene ID	1010
mRNA Refseq	NM_004061
Protein Refseq	NP_004052
MIM	600562
UniProt ID	P55289

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