

Recombinant Mouse CDH2 protein(Met1-Ala724)

Cat. No. CDH2-2321M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CDH2 (P15116) (Met1-Ala724) was fused with six amino acids (LEVLFQ) at the C-terminus was expressed and purified in HEK293.
Species	Mouse
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 recombinant mouse CDH2 consists of 706 amino acids and has a calculated molecular mass of 77.8 kDa. The recombinant protein migrates as an approximately 91 and 114 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	> 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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Cdh2 cadherin 2 [Mus musculus]
Official Symbol	CDH2
Synonyms	CDH2; cadherin 2; cadherin-2; neural cadherin; CDHN; Ncad; N-cadherin;
Gene ID	12558
mRNA Refseq	NM_007664
Protein Refseq	NP_031690

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