

## Recombinant Mouse Cdh5 protein, His-tagged

**Cat. No.** Cdh5-2284M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Cdh5 protein(NP_033998.2)(Met1-Ala592), fused with His tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Ala592
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4Please 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.
<b>Molecular Mass</b>	The recombinant mouse CDH5 comprises 559 (mature form) or 580 (pro form) amino acids and has a predicted molecular mass of 63.5 (or 66) kDa. As a result of glycosylation, the apparent molecular mass of rmCDH5 is approximately 75-85 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	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**

<b>Gene Name</b>	Cdh5 cadherin 5 [ Mus musculus ]
<b>Official Symbol</b>	Cdh5
<b>Synonyms</b>	CDH5; cadherin 5; cadherin-5; VE-cadherin; 7B4/cadherin-5; vascular endothelial cadherin; 7B4; Vec; VECD; Cd144; VEcad; VE-Cad; AA408225;
<b>Gene ID</b>	12562
<b>mRNA Refseq</b>	NM_009868
<b>Protein Refseq</b>	NP_033998

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