

Recombinant Mouse Cdh1 protein(Met1-Val709), His-tagged

Cat. No. Cdh1-4070M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CDH1 (P09803) (Met 1-Val 709) was expressed in HEK293, with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	1-709 a.a.
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 mouse CDH1 (pro form) comprises 697 amino acids and has a calculated molecular mass of 78 kDa. As a result of different glycosylation, the apparent molecular mass of rm CDH1 is approximately 80-100 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % 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 [Cdh1 cadherin 1 \[Mus musculus \]](#)

Official Symbol [Cdh1](#)

Synonyms CDH1; cadherin 1; cadherin-1; ARC-1; E-cadherin; uvomorulin; epithelial cadherin; Um; UVO; Ecad; L-CAM; AA960649; MGC107495;

Gene ID [12550](#)

mRNA Refseq [NM_009864](#)

Protein Refseq [NP_033994](#)

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