

## Recombinant Rat Cdh1 protein, hFc-tagged

**Cat. No.** Cdh1-8756R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Cdh1 protein(Q9R0T4)(Met1-Ala713), fused with hFc tag, was expressed in HEK293.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Ala713
<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 rat CDH1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 931 amino acids and has a predicted molecular mass of 103.8 kDa. The apparent molecular mass of the protein is approximately 116 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>	> 75 % 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>	Cdh1 cadherin 1 [ <i>Rattus norvegicus</i> ]
<b>Official Symbol</b>	Cdh1
<b>Synonyms</b>	CDH1; cadherin 1; cadherin-1; E-cadherin; uvomorulin; epithelial cadherin;
<b>Gene ID</b>	83502
<b>mRNA Refseq</b>	NM_031334
<b>Protein Refseq</b>	NP_112624

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