Recombinant Rat CDH8 protein(Met1-Met621)

Cat. No. CDH8-1039R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat CDH8 (NP_445845.2)(Met1-Met621) was expressed in HEK293 with six amino acids (LEVLFQ) at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Met1-Met621
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 rat CDH8 comprises 599 amino acids and predicts a molecular mass of 65.9 kDa. The apparent molecular mass of the recombinant protein is approximately 76-85 kDa 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.

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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	Cdh8 cadherin 8 [Rattus norvegicus]
Official Symbol	CDH8
Synonyms	CDH8; cadherin 8; cadherin-8;
Gene ID	84408
mRNA Refseq	NM_053393
Protein Refseq	NP_445845

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