

Recombinant Rat CDH13 protein(Met1-Ala692)

Cat. No. CDH13-1269R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat CDH13 (NP_620244.1)(Met1-Ala692) was expressed in HEK293 with six amino acids (LEVLFQ) at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Met1-Ala692
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 CDH13 comprises 678 amino acids and predicts a molecular mass of 74.3 kDa. The apparent molecular mass of the recombinant protein is approximately 84-96 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % 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	Cdh13 cadherin 13 [Rattus norvegicus]
Official Symbol	CDH13
Synonyms	CDH13; cadherin 13; cadherin-13; Cdht; Tcad; T-cadherin; MGC93172;
Gene ID	192248
mRNA Refseq	NM_138889
Protein Refseq	NP_620244

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