

Recombinant Rat Cdh13 Protein, hFc-tagged

Cat. No. Cdh13-148R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cdh13 Protein(NP_620244.1)(Met1-Ala692), fused to C-terminal hFc tag, was expressed in HEK293.
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/Fc is a disulfide-linked homodimer. The reduced monomer comprises 912 amino acids and has a predicted molecular mass of 100.5 kDa. The apparent molecular mass of the protein is approximately 102 and 52 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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	Cdh13 cadherin 13 [<i>Rattus norvegicus</i>]
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Official Symbol	Cdh13
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Synonyms	CDH13; cadherin 13; cadherin-13; Cdht; Tcad; T-cadherin; MGC93172;
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Gene ID	192248
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mRNA Refseq	NM_138889
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Protein Refseq	NP_620244
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