Recombinant Human CDH5 protein, His&hFc-tagged

Cat. No. CDH5-3245H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDH5 protein(NP_001786.2)(Met1-Gln593), fused with His&hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Gln593
Form	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.
Molecular Mass	The recombinant human CDH5/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 815 amino acids after removal of the signal peptide and has a predicted molecular mass of 92 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh CDH5/Fc monomer is approximately 120 kDa due to glycosylation.
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

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

	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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	CDH5 cadherin 5, type 2 (vascular endothelium) [Homo sapiens]
Official Symbol	CDH5
Synonyms	CDH5; cadherin 5, type 2 (vascular endothelium); cadherin 5, type 2, VE cadherin (vascular epithelium); cadherin-5; 7B4; CD144; VE cadherin; 7B4 antigen; VE-cadherin; cd144 antigen; endothelial-specific cadherin; vascular endothelial cadherin; cadherin 5, type 2, VE-cadherin (vascular epithelium); FLJ17376;
Gene ID	1003
mRNA Refseq	NM_001795
Protein Refseq	NP_001786
MIM	601120
UniProt ID	P33151

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