

Active Recombinant Human CDH6 protein, Fc-tagged

Cat. No. CDH6-2184H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDH6 protein(Thr 19 - Ala 615), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	19-615 a.a.
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5 with trehalose as protectant.
Bio-activity	Immobilized Human Cadherin-6 Protein, Fc Tag at 1 µg/mL (100 µL/well) can bind Human Cadherin-6 Antibody, Mouse IgG1 with a linear range of 0.1-1 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus. The Human Cadherin-6 will be further processed into mature form (Ser 54 - Ala 615).The protein has a calculated MW of 92.8 kDa. The protein migrates as 100-120 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Thr19-Ala615
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE. >90% as determined by SEC-MALS.

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Storage For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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	CDH6 cadherin 6, type 2, K-cadherin (fetal kidney) [Homo sapiens]
Official Symbol	CDH6
Synonyms	CDH6; cadherin 6, type 2, K-cadherin (fetal kidney); cadherin-6; K Cadherin; CAD6; KCAD; FLJ14176; DKFZp564N1116;
Gene ID	1004
mRNA Refseq	NM_004932
Protein Refseq	NP_004923
MIM	603007
UniProt ID	P55285

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