

## Recombinant Human CDH6 Protein, Fc-tagged

Cat. No. CDH6-071H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CDH6 fused with Fc His tag at C-termina was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a member of the cadherin superfamily. Cadherins are membrane glycoproteins that mediate homophilic cell-cell adhesion and play critical roles in cell differentiation and morphogenesis. The encoded protein is a type II cadherin and may play a role in kidney development as well as endometrium and placenta formation. Decreased expression of this gene may be associated with tumor growth and metastasis.
<b>Form</b>	Lyophilized from a 0.2 M filtered solution of PBS, pH 7.4.
<b>Molecular Mass</b>	93.5kD
<b>AA Sequence</b>	TLSTPLSKRTSGFPAKKRALELSGNSKNELNRSKRSMWNQFFLLEEYTGSDYQYV GKLHSDQDRGDGSLKYILSGDGAGDLFIINENTGDIQATKRLDREEKPVYILRAQAIN RRTGRPVPESEFIIKIHDINDNEPIFTKEVYTATVPEMSDVGTFVQVTATDADDPTY GNSAKVVYSILQGQPYFSVESETGIIKTALLNMDRENREYQVVIQAKDMGGQMGG LSGTTTTVNITLTDVNDNPPRFPQSTYQFKTPESPPTPIGRIKASDADVGENAEIEY SITDGEGLDMFDVITDQETQEGIITVKLLDFEKKKVYTLKVEASNPYVEPRFLYLGP KDSATVRIVVEDVDEPPVFSKLAYILQIREDAQINTTIGSVTAQDPDAARNPVKYSVD

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RHTDMDRIFNIDSGNGSIFTSKLLDRETLWLNITVIATEINNPKQSSRVPLYIKVLDVN  
 DNAPEFAEFYETFVCEKAKADQLIQLTHAVDKDDPYSGHQFSFLAPEAASGSNFTI  
 QDNKDNTAGILTRKNGYNRHEMSTYLLPVVISDNDYPVQSSTGTVTVRVCACDHHG  
 NMQSCHAEALIHPTGLSTGAVDDIEGRMDEPKSCDKTHTCPPCPAPPELLGGPSVFL  
 FPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNS  
 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSR  
 EEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSGDSFFLYSKLT  
 VDKSRWQQGNVVFSCSVMHEALHNHYTQKSLSLSPGK

**Endotoxin** < 0.1 EU per g protein as determined by LAL test

**Purity** >95% as determined by SDS-PAGE and Coomassie blue staining

**Concentration** Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## 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](#)

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**Protein Refseq** [NP\\_004923](#)

**MIM** [603007](#)

**UniProt ID** [P55285](#)

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