

Recombinant Human CDH6 Protein, His-tagged

Cat. No. CDH6-111H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human CDH6 protein with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	790
Description	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.
Form	Lyophilized
Molecular Mass	67.2 kDa
AA Sequence	MRTYRYFLLLFWVGQPYPTLSTPLSKRTSGFPAKKRALELSGNSKNELNRSKRSMWNQFFLLEEYTGSDYQYVVGKLGSDQDRGDGSLKYILSGDGAGDLFIINENTGDIQATKRLDREEKPVYILRAQAINRRTGRPVEPESEFIIKIHDINDNEPIFTKEVYTATVPEMSDVGTFVVQVTATDADDPTYGNSAKVVYSILQGQPYFSVESETGIIKTALLNMDRENREQYQVVIQAKDMGGQMGGLSGTTTTVNITLTDVNDNPPRFPQSTYQFKTPPESSPPGTPIGRIKASDADVGENAEIEYSITDGEGLDMFDVITDQETQEGEITVKLLDFEKKKVYTLK

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VEASNPYVEPRFLYLGPFKDSATVRIVVEDVDEPPVFSKLAYILQIREDAQINTTIGSV
 TAQDPDAARNPVKYSVDRHTDMDRIFNIDSGNGSIFTSKLLDRELLWHNITVIATEIN
 NPKQSSRVPLYIKVLDVNDNAPEFAEFYETFVCEKAKADQLIQLTHAVDKDDPYSGH
 QFSFSLAPEAASGSNFTIQDNKDNTAGILTRKNGYNRHEMSTYLLPVVISDNDYPVQ
 SSTGTVTVRVCACDHHGNMQSCHAEALIHPTGLSTGALVAILLCIVILLVTVVLFALR
 RQRKKEPLIISKEDIRDNIYSYNDEGGGEEDTQAFDIGTLRNPEAIEDNKLRRDIVPEA
 LFLPRRTPTARDNTDVRDFINQRLKENDTDPTAPPYDSLATYAYEGTGSVADSLSSL
 ESVTTDADQDYDYLSDWGPFRFKKLADMYGGVDSKDS

Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H ₂ O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name CDH6 cadherin 6, type 2, K-cadherin (fetal kidney) [Homo sapiens (human)]

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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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