Recombinant Full Length Human CDH6 Protein, GST-tagged

Cat. No. CDH6-3150HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CDH6 full-length ORF (AAH00019.1, 1 a.a. - 663 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	663 amino acids
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. [provided by RefSeq, May 2011]
Molecular Mass	100.3 kDa
AA Sequence	MRTYRYFLLLFWVGQPYPTLSTPLSKRTSGFPAKKRALELSGNSKNELNRSKRSWM WNQFFLLEEYTGSDYQYVGKLHSDQDRGDGSLKYILSGDGAGDLFIINENTGDIQAT KRLDREEKPVYILRAQAINRRTGRPVEPESEFIIKIHDINDNEPIFTKEVYTATVPEMSD VGTFVVQVTATDADDPTYGNSAKVVYSILQGQPYFSVESETGIIKTALLNMDRENRE QYQVVIQAKDMGGQMGGLSGTTTVNITLTDVNDNPPRFPQSTYQFKTPESSPPGTP IGRIKASDADVGENAEIEYSITDGEGLDMFDVITDQETQEGIITVKKLLDFEKKKVYTLK VEASNPYVEPRFLYLGPFKDSATVRIVVEDVDEPPVFSKLAYILQIREDAQINTTIGSV

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	TAQDPDAARNPVKYSVDRHTDMDRIFNIDSGNGSIFTSKLLDRETLLWHNITVIATEIN NPKQSSRVPLYIKVLDVNDNAPEFAEFYETFVCEKAKADQLIQTLHAVDKDDPYSGH QFSFSLAPEAASGSNFTIQDNKDNTAGILTRKNGYNRHEMSTYLLPVVISDNDYPVQ SSTGTVTVRVCACDHHGNMQSCHAEALIHPTGLSTGALVAILLCIVILLGKLVLPASYL PMVRGSHCYCDTLDLSASPIKAYSLI
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

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UniProt ID	P55285

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