

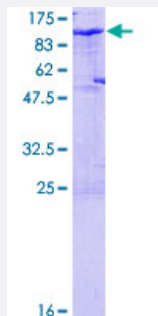
Full-Length

CDH6 (Human) Recombinant Protein (P01)

Catalog # H00001004-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CDH6 full-length ORF (AAH00019.1, 1 a.a. - 663 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MRTYRYFLLLFVWGQPYPTLSTPLSKRTSGFPAKKRALELSGNSKNELNRSKRSMWNQFFLLE
EYTGSDYQYVGKLHSDQDRGDGSLKYLSGDGAGDLFIINENTGDIQATKRLDREEKPVYILRAQAIN
RRTGRPVEPESEFIKIHDINDNEPIFTKEVYTATVPEMSDVGTFFVQVTATDADDPTYGNSAKVVY
SILQGQPYFSVESETGIIKTALLNMDRENREYQVVIQAKDMGGQMGGLSGTTTVNITLTDVNDNPP
RFPQSTYQFKTPESPPTPIGRIKASDADVGENAEIEYSITDGEGLDMFDVITDQETQEGITVKKL
LDFEKKKVYTLKVEASNPYVEPRFLYLGPFKDSATVRMVVEDVDEPPVFSKLAYILQIREDAQINTTI
GSVTAQDPDAARNPVKYSVDRHTDMDRIFNIDSGNGSIFTSKLLDRETLWHNITVIATEINNPKQS
SRVPLYIKVLDVNDNAPEFAEFYETFFVCEKAKADQLIQLHAVDKDDPYSGHQFSFSLAPEAASG
SNFTIQDNKDNTAGILTRKNGYNRHEMSTYLLPVVISDNDYPVQSSTGTVTVRVCACDHHGNMQS
CHAEALIHPTGLSTGALVAILLCVILLGKLVLPASYLPMVRGSHCYCDTLDLSASPIKAYSLI

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

100.3

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CDH6

Entrez GeneID	1004
GeneBank Accession#	BC000019.2
Protein Accession#	AAH00019.1
Gene Name	CDH6
Gene Alias	KCAD
Gene Description	cadherin 6, type 2, K-cadherin (fetal kidney)
Omim ID	603007
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a type II classical cadherin from the cadherin superfamily. The encoded membrane protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Cadherins mediate cell-cell binding in a homophilic manner, contributing to the sorting of heterogeneous cell types and the maintenance of orderly structures such as epithelium. Strong transcriptional expression of this gene has been observed in hepatocellular and renal carcinoma cell lines, suggesting a possible role in metastasis and invasion. [provided by RefSeq]
Other Designations	K-cadherin cadherin 6, K-cadherin (fetal kidney) cadherin 6, type 2 cadherin, fetal kidney kidney cadherin