Recombinant Human CDH6 protein, T7/His-tagged

Cat. No. CDH6-110H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CDH6 extracellular domain cDNA (67 - 615 aa) fused with T7-His-TEV cleavage site Tag (29aa) at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	67-615 a.a.
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGQQMGRGHHHHHHGNLYFQGEFLCCDFLAHHGTDCWTYHYSEKPMNW QRARRFCRDNYTDLVAIQNKAE IEYLEKTLPFSRSYYWIGIRKIGGIWTWVGTNKSLT EEAENWGDGEPNNKKNKEDCVEIYIKRNKDAGKWNDDAC HKLKAALCYTASCQP WSCSGHGECVEIINNYTCNCDVGYYGPQCQFVIQCEPLEAPELGTMDCTHPLGNFS FSSQ CAFSCSEGTNLTGIEETTCGPFGNWSSPEPTCQVIQCEPLSAPDLGIMNCSH PLASFSFTSACTFICSEGTELIG KKKTICESSGIWSNPSPICQKLDKSFSMIKEGDYN
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro CDH6 human ES cell differentiation and activities" regulation study with this protein as either coating matrix protein or soluble factor.2. May be used for protein-protein interaction assay.3. Potential biomarker protein for clinical monitoring NK cell function in vitro.4. Potential biomarker protein for clinical

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	applications such as monitoring gastric cancer or CML diseases.5. As antigen for specific antibody production.
Storage	Keep at -80centigrade for long term storage. Product is stable at 4 centigrade for at least 30 days.

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
Chromosome Location	5p13.3
Pathway	Adherens junctions interactions, organism-specific biosystem; Cell junction organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; Cell-cell junction organization, organism-specific biosystem;

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Function	calcium ion binding;

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