

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	MASMTGGQQMGRGRHHHHHHGNLYFQGEFLCCDFLAHHGTDCWTYHYSEKPMNW QRARRFCRDNYTDLVAIQNKAE IEYLEKTLPFSSYYWIGIRKIGGIWTWVG TNKSLT EEAENWGDGEPNNKKNKEDCVEIYIKRNKDAGKWND DAC HKLKAALCYTASCQP WSCSGHGECVEIINNYTCNCDVGYYGPQCQFVIQCEPLEAPELGTMDCTHPLGNFS FSSQ CAFSCSEGTLNLTGIEETTCGPFGNWSSPEPTCQVIQCEPLSAPDLGIMNCSH 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Function

calcium ion binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA