

## Cadherin-6/KCAD Protein, Human (562a.a, HEK293, His)

<b>Cat. No.:</b>	HY-P701330
<b>Synonyms:</b>	Cadherin-6; Cadherin6; K-cadherin; CDH6; CAD6; KCAD;
<b>Species:</b>	Human
<b>Source:</b>	HEK293
<b>Accession:</b>	P55285-1 (S54-A615)
<b>Gene ID:</b>	1004
<b>Molecular Weight:</b>	75-95 kDa

### PROPERTIES

#### AA Sequence

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SWMWNQFFLL    EEYTGSDYQY    VGKLHSDQDR    GDGSLKYILS
GDGAGDLFII    NENTGDIQAT    KRLDREEKPV    YILRAQAINR
RTGRPVEPES    EFIKIH DIN    DNEPIFTKEV    YTATVPEMSD
VGTFFVQVTA    TDADDPTYGN    SAKVVYSILQ    GQPYFSVESE
TGIIKTALLN    MDRENREQYQ    VVIQAKDMGG    QMGGLSGTTT
VNITLTDVND    NPPRFPQSTY    QFKTPESSPP    GTPIGRIKAS
DADVGENAEI    EYSITDGEGL    DMFDVITDQE    TQEGIIIVKK
LLDFEKKKVY    TLKVEASNPY    VEPRFLYLGP    FKDSATVRIV
VEDVDEPPVF    SKLAYILQIR    EDAQINTTIG    SVTAQDPDAA
RNPVKYSVDR    HTDMDRIFNI    DSGNGSIFTS    KLLDRETL LW
HNITVIATEI    NNPKQSSRVP    LYIKVLDVND    NAPEFAEFYE
TFVCEKAKAD    QLIQTLHAVD    KDDPYSGHQF    SFSLAPEAAS
GSNFTIQDNK    DNTAGILTRK    NGYNRHEMST    YLLPVVISDN
DYPVQSSTGT    VTVRVCACDH    HGNMQSCHAE    ALIHPTGLST
GA
  
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**Biological Activity** Immobilized Human CDH6, His Tag at 2 µg/mL (100 µl/well) on the plate. Dose response curve for Anti-CDH6 Antibody, Rabbit IgG Tag with the EC<sub>50</sub> of 76.8 ng/mL determined by ELISA.

**Appearance** Lyophilized powder

**Formulation** Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

**Endotoxin Level** <1 EU/µg, determined by LAL method.

**Reconstitution** It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH<sub>2</sub>O.

**Storage & Stability** Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.

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**Shipping**

Room temperature in continental US; may vary elsewhere.

**DESCRIPTION****Background**

Cadherins are a group of calcium-dependent cell adhesion proteins that play a crucial role in cell-to-cell interactions. They have a preference for binding to other cadherins of the same type, known as homophilic interactions, which helps in the organization and sorting of different cell types within tissues.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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