

Recombinant Human CDH6 Protein

Catalog #	Source	Reactivity	Applications
CRP1265	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human CDH6 Protein is produced by our Mammalian expression system and the target gene encoding Thr22-Ala615 is expressed with a 6His tag at the C-terminus.

Form Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

Gene Symbol CDH6

Alternative Names Cadherin-6; Kidney cadherin; K-cadherin

Entrez Gene 1004 (Human)

SwissProt P55285 (Human)

Purity Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

Chemical Structure TLSTPLSKRT SGFPAKKRAL ELSGNSKNEL NRSKRSMWN QFFLLEEYTG SDYQYVGKLH SDQDRGDGSL KYILSGDGAG DLFIINENTG DIQATKRLDR EEKPVYILRA QAINRRTGRP VEPESEFIK IHDINDNEPI FTKEVYATV PEMSDVGVTFV VQVTATDADD PTYGNSAKVV YSILQGQPYF SVESETGIIK TALLNMDREN REYQVVIQA KDMGGQMGGGL SGTTTVNITL TDVNDNPPRF PQSTYQFKTP ESSPPGTPIG RIKASDADVG ENAEIEYSIT DGEGLDMFDV ITDQETQEGI ITVKLLDFE KKKVYTLKVE ASNPVVEPRF LYLGPFKDSA TVRIVVEDVD EPPVFSKLAY ILQIREDAQI NTTIGSVTAQ DPDAARNPVK YSVDRHTDMD RIFNIDSGNG SIFTSKLLDR ETLWHNITV IATEINNPQK SSRVPLYIKV LDVNDNAPEF AEFYETFVCE KAKADQLIQT LHAVDKDDPY SGHQFSFLA PEAASGSNFT IQDNKDNTAG ILTRKNGYNR HEMSTYLLPV VISDNDYPVQ SSTGTVTVRV CACDHHGNMQ SCHAEALHHP TGLSTGAVDH HHHHH

Quality Control Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

Directions for Use Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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