

Recombinant Human PCDH10 Protein

Catalog #	Source	Reactivity	Applications
CRP2061	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human PCDH10 Protein is produced by our mammalian expression system and the target gene encoding Gln19-Thr715 is expressed with a Fc tag at the C-terminus.

Form Lyophilized from a 0.2 μM filtered solution of PBS, pH 7.4.

Gene Symbol PCDH10

Alternative Names KIAA1400; Protocadherin-10

Entrez Gene 57575 (Human)

SwissProt Q9P2E7 (Human)

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

Chemical Structure QLHYTVQEEQ EHGTFVGNIA EDLGLDITKL SARGFQTPVN SRTPYLDLNL ETGVLYVNEK
 IDREQICKQS PSCVLHLEVF LENPLELFQV EIEVLDINDN PPSFPEPDLT VEISESATPG
 TRFPLESAFD PDVGTNSLRD YEITPNSYFS LDVQTQGDGN RFAELVLEKP LDREQQAVHR
 YVLTAVDGGG GGGVGE GGGG GGGAGLPPQQ QRTGTALLTI RVLDSNDNVP AFDQPVYTVS
 LPENSPPGTL VIQLNATDPD EGQNGEVVYS FSSHISPRAR ELFGLSPRTG RLEVSGELDY
 EESPVYQVYV QAKDLGPNV PAHCKVLVRV LDANDNAPEI SFSTVKEAVS EGAAPGTVVA
 LFSVTDRDSE ENGQVQCELL GDVPFRPKSS FKNYYTIVTE APLDREAGDS YTLTVVARDR
 GEPALSTSKS IQVQVSDVND NAPRFSQPVY DVYVTENNVP GAIYAVSAT DRDEGANAQL
 AYSILECQIQ GMSVFTYVSI NSENGYLYAL RSFDYEQLKD FSFQVEARDA GSPQALAGNA
 TVNILIVDQN DNAPAIVAPL PGRNGTPARE VLPRSAEPGY LLTRVAAVDA DDGENARLTY
 SIVRGNEMNL FRMDWRTGEL RTARRVPAKR DPQRPYELVI EVRDHGQPPL SSTATLVVQL
 VDGAVEPQGG GGSGGGGSGE HQRPSRSGGG ETSLDLTVDD IEGRMDEPKS CDKTHTCPPC

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

PAPELLGGPS VFLFPPKPKD TLMISRTPEV TCVVVDVSHE DPEVKFNWYV DGVEVHNAKT
KPREEQYNST YRVVSVLTVL HQDWLNGKEY KCKVSNKALP APIEKTISKA KGQPREPQVY
TLPPSREEMT KNQVSLTCLV KGFYPSDIAV EWESNGQPEN NYKTTTPVLD SDGSFFLYSK
LTVDKSRWQQ GNVFSCSVMH EALHNHYTQK SLSLSPGK

Quality Control

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

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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