

## Recombinant Human PCDH10 Protein

Catalog #	Source	Reactivity	Applications
CRP2060	Human cells	Human	E, WB, SDS-PAGE, MS

<b>Description</b>	Recombinant Human PCDH10 Protein is produced by our Mammalian expression system and the target gene encoding Gln19-Thr715 is expressed with a 6His tag at the C-terminus.
<b>Form</b>	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
<b>Gene Symbol</b>	PCDH10
<b>Alternative Names</b>	KIAA1400; Protocadherin-10
<b>Entrez Gene</b>	57575 (Human)
<b>SwissProt</b>	Q9P2E7 (Human)
<b>Purity</b>	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
<b>Chemical Structure</b>	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 ETSLDLTVDH HHHHH

**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

<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/ $\mu$ g (1 IEU/ $\mu$ g) as determined by LAL test.
<b>Directions for Use</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
<b>Storage/Stability</b>	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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