

Recombinant Human P Cadherin Protein

Catalog #	Source	Reactivity	Applications
CRP2786	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human P Cadherin Protein is produced by mammalian expression system and the target gene encoding Glu25-Gly654 is expressed with a 6His tag at the C-terminus.

Form Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

Gene Symbol CDH3

Alternative Names CDHP; Cadherin-3; Placental cadherin; P-cadherin

Entrez Gene 1001 (Human)

SwissProt P22223 (Human)

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

Chemical Structure EPCRAVFREA EVTLEAGGAE QEPGQALGKV FMGCPGQPEA LFSTDNDDFT VRNGETVQER RSLKERNPLK IFPSKRILRR HKRDWVVAPI SVPENKGPFPQRLNQLKSN KDRDRTKIFYS ITGPGADSPPEGVFAVEKET GWLLLNKPLD REEIAKYELF GHAVSENGAS VEDPMNISII VTDQNDHKPK FTQDTFRGSV LEGVLPGTSV MQMTATDEDD AIYTYNGVVA YSIHSQEPKD PHDLMFTIHR STGTISVISS GLDREKVPEY TLTIQATDMD GDGSTTTAVA VVEILDANDN APMFDPQKYE AHVPENAVGH EVQRLTVTDL DAPNSPAWRA TYLIMGGDDG DHFTITTHPE SNQGILTTRK GLDFEAKNQH TLYVEVTNEA PFVLKLPST ATIVVHVEDV NEAPVFPVPS KVVEVQEGIP TGEPVCVYTA EDPDKENQKI SYRILRDPAG WLAMDPDSGQ VTAVGTLDRE DEQFVRNNIY EVMVLAMDNG SPPTTGTGTL LTLIDVNDH GPVPEPRQIT ICNQSPVRQV LNITDKDLSPTSPFQAQLT DDSDIYWTAE VNEEGDTVVL SLKKFLKQDT YDVHLSLSDH GNKEQLTVIR ATVCDCGHV ETCGPWKGG VDHHHHHH

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 ddH₂O. 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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