

Recombinant Human CDH11 Protein

Catalog #	Source	Reactivity	Applications
CRP1261	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human CDH11 Protein is produced by our Mammalian expression system and the target gene encoding Phe23-Thr617 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 7.4
Gene Symbol	CDH11
Alternative Names	Cadherin-11; OSF-4; Osteoblast cadherin; OB-cadherin
Entrez Gene	1009 (Human)
SwissProt	Q96CZ9 (Human)
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Chemical Structure	FAPERRGHLR PSFHGHHEKG KEGQVLQRSK RGWVWNQFFV IEEYTGPDVPV LVGRLHSDID SGDGNIKYIL SGEGAGTIFV IDDKSGNIHA TKTLDREERA QYTLMAQAVD RDTNRPLEPP SEFIVKVQDI NDNPPPEFLHE TYHANVPERS NVGTSVIQVT ASDADDPTYG NSAKLVYSIL EGQPYFSVEA QTGIIRTALP NMDREAKEY HVVIQAKDMG GHMGGLSGTT KVMITLTDVN DNPPKFPQSV YQMSVSEAAV PGEEVGRVKA KDPDIGENGL VTYNIVDGDG MESFEITTDY ETQEGVIKIK KPVDFTKRA YSLKVEAANV HIDPKFISNG PFKDVTVTKI AVEDAEPPEM FLAPSYIHEV QENAAAGTVV GRVHAKDPDA ANSPIRYSID RHTDLDRFFT INPEDGFIKT TKPLDREETA WLNITVFAAE IHNHRHQEAKV PVAIRVLDVN DNAPKFAAPY EGFICESDQT KPLSNQPIVT ISADDDKDDTA NGPRFIFSLP PEIHNPNFT VRDNRDNTAG VYARRGGFSR QKQDLYLLPI VISDGGIPPM SSTNTLTIKV CGCDVNGALL SCNAEAYILN AGLSTVDHHH HHH
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
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

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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