

Recombinant Human CDH11 Protein

Catalog #	Source	Reactivity	Applications
CRP1262	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 Fc, 6His tag at the C-terminus.

Form Lyophilized from a 0.2 μM filtered solution of PBS, 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 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 AVEDAEP
FLAPSYIHEV QENAAAGTVV GRVHAKDPDA ANSPIRYSID RHTDLDRFFT INPEDGFIKT
TKPLDREETA WLNITVFAAE IHNHRHQEAKV PVAIRVLDVN DNAPKFAAPY EGFICESDQT
KPLSNQPIVT ISADDDKDDTA NGPRFIFSLP PEIHNPNFT VRDNRDNTAG VYARRGGFSR
QKQDLYLLPI VISDGGIPPM SSTNTLTIKV CGCDVNGALL SCNAEAYILN AGLSTVDDIE
GRMDEPKSCD KTHTCPPCPA PELLGGPSVF LFPPKPKDTL MISRTPEVTC VVVDVSHEDP
EVKFNWYVDG VEVHNAKTKP REEQYNSTYR VVSVLTVLHQ DWLNGKEYKC KVSNKALPAP

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

IEKTISKAKG QPREPQVYTL PPSREEMTKN QVSLTCLVKG FYPSDIAVEW ESNQQPENNY
KTPPVLDSD GSFFLYSKLT VDKSRWQQGN VFSCSVMHEA LHNHYTQKSL SLSPGKHHHH
HH

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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