

Recombinant Human E Cadherin Protein

Catalog #	Source	Reactivity	Applications
CRP2690	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human E Cadherin Protein is produced by mammalian expression system and the target gene encoding Gln23-Phe647 is expressed
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Gene Symbol	CDH1
Alternative Names	CDHE; UVO; Cadherin-1; CAM 120/80; Epithelial cadherin; E-cadherin; Uvomorulin; CD324
Entrez Gene	999 (Human)
SwissProt	P12830 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	QEPEPCHPGF DAESYFTVP RRHLERGRVL GRVNFEDCTG RQRTAYFSLD TRFKVGTGTV ITVKRPLRFH NPQIHFLVYA WDSTYRKFSK KVTLNVTGHH HRPPPHQASV SGIQAELLTF PNSSPGLRRQ KRDWVIPPIS CPENEKGFPP KNLVQIKSNK DKEGKVFYSI TGQGADTPPV GVFIIERETG WLKVTEPLDR ERIATYTLFS HAVSSNGNAV EDPMEILITV TDQNDNKPEF TQEVFKGSVM EGALPGTSVM EVTATDADDD VNTYNAAIAY TILSQDPELP DKNMFTINRN TGVISVTTG LDRESFPAYT LVVQAADLQG EGLSTTATAV ITVTDNDNP PIFNPTTYKG QVPENEANVV ITTLKVTDAD APNTPAWEAV YLILNDDGGQ FVVTNPNVNN DGILKTAKGL DFEAKQQYIL HVAVTNVVPP EVSLTTSTAT VTVDVLDVNE APIFVPPEKR VEVSEDFGVG QEITSYTAQE PDTFMEQKIT YRIWRDTANW LEINPDTGAI STRAELDRED FEHVKNSTYT ALIIATDNNGS PVATGTGTL LILSDVNDNA PIPEPRTIFF CERNPKPQVI NIIDADLPII LASQSIGITD MSHCTCPAPQ LPAIFVDHHH HHH

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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