

## Recombinant Human E Cadherin Protein

Catalog #	Source	Reactivity	Applications
CRP2689	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 Asp155-Ile707 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** 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** DWVIPPISCP ENKGFPPKN LVQIKSNKDK EGKVFYSITG QGADTPVGV FIERETGWL  
 KVTEPLDRER IATYTLFSA VSSNGNAVED PMEILITVTD QNDNKPEFTQ EVFKGSVMEG  
 ALPGTSVMEV TATDADDDVN TYNAAIAYTI LSQDPELPDK NMFTINRNTG VISVTTGLD  
 RESFPTYTLV VQAADLQEGE LSTTATAVIT VTDTNDNPPI FNPTTYKGQV PENEANVVIT  
 TLKVTDADAP NTPAWEAVYT ILNDDGGQFV VTTNPVNNDG ILKTAKGLDF EAKQQYILHV  
 AVTNVVPFEV SLTTSTATVT VDVLDVNEAP IFVPPEKRVE VSEDFGVGQE ITSYTAQEPD  
 TFMEQKITYR IWRDTANWLE INPDTGAIST RAELDREDFE HVKNSTYAL IATDNGSPV  
 ATGTGTHLLI LSDVNDNAPI PEPRTIFFCE RNPKPQVINI IDADLPPNTS PFTAELTHGA  
 SANWTIQYND PTQESIILKP KMALEVGDYK INLKLMDNQN KDQVTTLEVS VCDCEGAAGV  
 CRKAQPVEAG LQIHSHHHH

**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 ddH<sub>2</sub>O. 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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