

## Recombinant Human CDH9 Protein

Catalog #	Source	Reactivity	Applications
CRP1268	Human cells	Human	E, WB, SDS-PAGE, MS

**Description** Recombinant Human CDH9 Protein is produced by our Mammalian expression system and the target gene encoding Ile22-Ala615 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 7.2.

**Gene Symbol** CDH9

**Alternative Names** Cadherin-9

**Entrez Gene** 1007 (Human)

**SwissProt** Q9ULB4 (Human)

**Purity** Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

**Chemical Structure** ILLQEKPNSY LSSKKIVGLT KDDGKMLRRT KRGWMWNQFF LLEEYTGTDY QYVGKLHTDQ  
DKGDGNLKYI LTGDGAGSLF VIDENTGDIH AAKKLDREEK SLYILRAKAI DRKTGRQVEP  
ESEFIKIHD INDNEPKFTK DLYTASVPEM SGVGTSVIQV TATDADDANY GNSAKVVYSI  
LQGQPYFSVD PESGIIKTAL PDMSRENREQ YQVVIQAKDM GGQMGGLSGT TTVNITLTDV  
NNNPPRFPQS TYQFNPSPEV PLGTHLGRIK ANDPDVGENA EMEYSIAEGD GADMFDVITD  
KDTQEGIITV KQNLDFENQM LYTLRVDASN THPDPRFLHL GPFKDTAVVK ISVEDIDEPP  
VFTKVSYLIE VDEDVKEGSI IGQVTAYDPD ARNNLIKYSV DRHTDMDRIF GIHSENGSIF  
TLKALDRESS PWHNITVTAT EINNPKQSSH IPVFIRILDI NDHAPEFAMY YETFVCENAK  
PGQLIQTVSV MDKDDPPRGH KFFFEPVPEF TLNPNFTIVD NKDNTAGIMT RKGYSRNKM  
STYLLPILIF DNDYPIQSST GTLTIRVCAC DNQGNMQSCT AEALILSAGL STGAVDHHHH 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

**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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