

Recombinant Mouse P Cadherin Protein

Catalog #	Source	Reactivity	Applications
CRP3028	Human cells	Mouse	E, WB, SDS-PAGE, MS

Description Recombinant Mouse P Cadherin Protein is produced by mammalian expression system and the target gene encoding Glu100-Gly647 is expressed with a Fc tag at the C-terminus.

Form Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

Gene Symbol CDH3

Alternative Names CDHP; Cadherin-3; Placental cadherin; P-cadherin

Entrez Gene 12560 (Mouse)

SwissProt P10287 (Mouse)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure EWVMPPIFVP ENGKGFPPQR LNQLKSNKDR GTKIFYSTG PGADSPPEGV FTIEKESGWL
 LLHMPLDREK IVKYELYGHA VSENGASVEE PMNISIIVTD QNDNKPFTQ DTFRGSVLEG
 VMPGTSVMQV TATDEDDAVN TYNGVVAYS IHSQEPKEPHD LMFTIHKSTG TISVISSGLD
 REKVPEYRLT VQATDMDGEG STTTAEAVVQ ILDANDNAPE FEPQKYEAWV PENEVGHEVQ
 RLTVTDLDVP NSPAWRATYH IVGGDDGDHF TITTHPETNQ GVLTTKKGLD FEAQDQHTLY
 VEVTNEAPFA VKLPTATATV VVHVKDVNEA PVFVPPSKVI EAQEGISIGE LVCITYAQDP
 DKEDQKISYT ISRDPANWLA VDPDSGQITA AGILDREDEQ FVKNNVYEVN VLATDSGNPP
 TTGTGTLTLLT LTDINDHGPI PEPRQIICN QSPVPQVLNI TDKDLSPNSS PFQAQLTHDS
 DIYWMAEVSE KGDTVVALSLK KFLKQDQTYDL HLSLSDHGNR EQLTMIRATV CDCHGQVFND
 CPRPWKGGVD DIEGRMDEPK SCDKTHTCPP CPAPELLGGP SVFLFPPKPK DTLMISRTPE
 VTCVVVDVSH EDPEVKFNWY VDGVEVHNAK TKPREEQYNS TYRVVSVLTV
 LHQDWLNGKE YKCKVSNKAL PAPIEKTISK AKGQPREPQV YTLPPSREEM TKNQVSLTCL

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

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com

Product Data Sheet

VKGFYPSDIA VEWESNGQPE NNYKTTTPVL DSDGSFFLYS KLTVDKSRWQ QGNVFSCSVM
HEALHNHYTQ KSLSLSPGK

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 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.

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

COHESION BIOSCIENCES LIMITED

WEB

www.cohesionbio.com

ORDER

order@cohesionbio.com

SUPPORT

techsupport@cohesionbio.com

CUSTOM

custom@cohesionbio.com