

Recombinant Human CLGN Protein

Catalog #	Source	Reactivity	Applications
CRP1308	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human CLGN Protein is produced by our mammalian expression system and the target gene encoding Glu20-Trp471 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 7.4.

Gene Symbol CLGN

Alternative Names Calmegin

Entrez Gene 1047 (Human)

SwissProt O14967 (Human)

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

Chemical Structure EFMDDDVETE DFEENSEEID VNESELSSEI KYKTPQPIGE VYFAETFDSDG RLAGWVLSKA
 KKDDMDEEIS IYDGRWEIEE LKENQVPGDR GLVLKSRAXH HAISAVLAKP FIFADKPLIV
 QYEVNFQDGI DCGGAYIKLL ADTDDLILEN FYDKTSYIIM FGPDKCGEDY KLHFIFRHKH
 PKTGVFEEKH AKPPDVLK KFFTDRKTHLY TLVMNPDDTF EVLVDQTVVN KGSLLDVVP
 PIKPPKEIED PNDKKPEEWD ERAKIPDPSA VKPEDWDESE PAQIEDSSVV KPAGWLDDEP
 KFIPDPNAEK PDDWNEDTDG EWEAPQILNP ACRIGCGEWK PPMIDNPKYK
 GVWRPPLVDN PNYQGIWSPR KIPNPDYFED DHPFLLTSFS ALGLELWSMT SDIYFDNFII
 CSEKEVADHW AADGWRWKIM IANANKPGVL KQLMAAAEGH PWVDHHHHHHH

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

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

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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