

Recombinant Human CALR3 Protein

Catalog #	Source	Reactivity	Applications
CRP1167	E. coli	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human CALR3 Protein is produced by our E. coli expression system and the target gene encoding Thr20-Leu384 is expressed.

Form Lyophilized from a 0.2 μ M filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Gene Symbol CALR3

Alternative Names CRT2; Calreticulin-3; Calreticulin-2; Calsperin

Entrez Gene 125972 (Human)

SwissProt Q96L12 (Human)

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

Chemical Structure MTVYFQEEFL DGEHWRNRWL QSTNDSRFGH FRLSSGKFYG HKEKDKGLQT TQNGRFYAIS
ARFKPFSNKG KTLVIQYTVK HEQKMDCGGG YIKVFPADID QKNLNGKSQY YIMFGPDICG
FDIKKVHVIL HFKNKYHENK KLIRCKVDGF THLYTLILRP DLSYDVKIDG QSIESGSIEY
DWNLTSLKKE TSPAESKDWE QTKDNKAQDW EKHFLDASTS KQSDWNGDLD
GDWPAPMLQK PPYQDGLKPE GIHKDVWLHR KMKNTDYLTQ YDLSEFENIG AIGLELWQVR
SGTIFDNFLI TDDEEYADNF GKATWGETKG PEREMDAIQA KEEMKKAREE EEEELLSGKI
NRHEHYFNQF HRRNEL

Quality Control Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) 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 μ g/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

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

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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