

Recombinant Human CD48 Protein

Catalog #	Source	Reactivity	Applications
CRP1240	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human CD48 Protein is produced by our mammalian expression system and the target gene encoding Gln27-Ser220 is expressed with a Fc, 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 CD48

Alternative Names BCM1; BLAST1; CD48 antigen; B-lymphocyte activation marker BLAST-1; BCM1 surface antigen; Leukocyte antigen MEM-102; SLAM family member 2; SLAMF2; Signaling lymphocytic activation molecule 2; TCT.1; CD48

Entrez Gene 962 (Human)

SwissProt P09326 (Human)

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

Chemical Structure QGHLVHMTVV SGSNVTLNIS ESLPENYKQL TWFYTFDQKI VEWDSRKSXY FESKFKGRVR
 LD PQSGALYI SKVQKEDNST YIMRVLKKTG NEQEWKIKLQ VLD PVPKPVI KIEKIEDMDD
 NCYLKLSCVI PGESVNYTWY GDKRPFKEL QNSVLETTLM PHNYSRCYTC QVSNSVSSKN
 GTVCLSPPT LARSVDDIEG RMDEPKSCDK THTCP PAP ELLGGPSVFL FPPKPKDTLM
 ISRTPEVTCV VVDVSHEDPE VKFNWYVDGV EVHNAKTKPR EEQYNSTYRV VSVLTVLHQD
 WLNGKEYKCK VSNKALPAPI EKTISKAKGQ PREPQVYTL P PSREEMTKNQ VSLTCLVKGF
 YPSDIAVEWE SNGQPENNYK TTPVLDSDG SFFLYSKLTV DKSRWQQGNV FSCSVMHEAL
 HNHYTQKSL S LSPGKHHHHH H

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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