

Recombinant Human CD56 Protein

Catalog #	Source	Reactivity	Applications
CRP2659	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human CD56 Protein is produced by mammalian expression system and the target gene encoding Leu20-Pro603 is expressed with a 6His tag at the C-terminus.
Form	Lyophilized from a 0.2 µm filtered solution of 20mM Tris, 150mM NaCl, pH7.5.
Gene Symbol	NCAM1
Alternative Names	NCAM; Neural cell adhesion molecule 1; N-CAM-1; NCAM-1; CD56
Entrez Gene	4684 (Human)
SwissProt	P13591 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	LQVDIVPSQG EISVGESKFF LCQVAGDAKD KDISWFSPNG EKLTPNQRI SVVWNDDSSS TLTIYNANID DAGIYKCVVT GEDGSESEAT VNVKIFQKLM FKNAPTPQEF REGEDAVIVC DVVSSLPPTI IWKHKGRDVI LKKDVRFIVL SNNYLQIRGI KKTDEGTYRC EGRILARGEI NFKDIQVIVN VPPTIQRQN IVNATANLGQ SVTLVCDAEG FPEPTMSWTK DGEQIEQEED DEKYIFSDDS SQLTIKKVDK NDEAEYICIA ENKAGEQDAT IHLKVFAPKPK ITYVENQTAM ELEEQVTLTC EASGDPIPSI TWRTSTRNIS SEEKTLDGHM VVRSHARVSS LTLKSIQYTD AGEYICTASN TIGQDSQSMY LEVQYAPKLQ GPVAVYTWEG NQVNITCEVF AYPSATISWF RDGQLLPSSN YSNIKIYNTP SASYLEVTPD SENDFGNYNC TAVNRIGQES LEFILVQADT PSSPSIDQVE PYSSTAQVQF DEPEATGGVP ILKYKAEWRA VGEEVWHSKW YDAKEASMEG IVTIVGLKPE TTYAVRLAAL NGKGLGEISA ASEFKTQPVH SPPPHHHHHH
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 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.

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