

## Recombinant Human CD58 Protein

Catalog #	Source	Reactivity	Applications
CRP2660	Human cells	Human	E, WB, SDS-PAGE, MS

<b>Description</b>	Recombinant Human CD58 Protein is produced by mammalian expression system and the target gene encoding Phe29-Arg215 is expressed with a Fc tag at the C-terminus.
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
<b>Gene Symbol</b>	CD58
<b>Alternative Names</b>	LFA3; Lymphocyte function-associated antigen 3; Ag3; Surface glycoprotein LFA-3; CD58
<b>Entrez Gene</b>	965 (Human)
<b>SwissProt</b>	P19256 (Human)
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Chemical Structure</b>	FSQQIYGVVY GNVTFHVPSN VPLKEVLWKK QKDKVAELEN SEFRAFSSFK NRVYLDTVSG SLTIYNLTSS DEDEYEMESP NITDTMKFFL YVLES LPSPT LTCALTNGSI EVQCMPIPEYY NSHRGLIMYS WDCPMEQCKR NSTSIYFKME NDLPQKIQCT LSNPLFNTTS SIILTTCIPS SGHSRHRVDD IEGRMDEPKS CDKTHTCPPC PAPELLGGPS VFLFPPKPKD TLMISRTPEV TCVVVDVSHE DPEVKFNWYV DGVEVHNAKT KPREEQYNST YRVVSVLTVL HQDWLNGKEY KCKVSNKALP APIEKTISKA KGQPREPQVY TLPPSREEMT KNQVSLTCLV KGFYPSDIAV EWESNGQPEN NYKTTTPVLD SDGSFFLYSK LTVDKSRWQQ GNVFSCSVMH EALHNHYTQK SLSLSPGK
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
<b>Directions for Use</b>	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

**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

lyophilized protein in ddH<sub>2</sub>O. 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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