

Recombinant Human CD93 Protein

Catalog #	Source	Reactivity	Applications
CRP1254	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human CD93 Protein is produced by our Mammalian expression system and the target gene encoding Ala24-Lys580 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 7.2.
Gene Symbol	CD93
Alternative Names	C1QR1; MXRA4; Complement component C1q receptor; C1q/MBL/SPA receptor; C1qR; C1qR(p); C1qRp; CDw93; Complement component 1 q subcomponent receptor 1; Matrix-remodeling-associated protein 4; CD93
Entrez Gene	22918 (Human)
SwissProt	Q9NPY3 (Human)
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Chemical Structure	ADTEAVVCVG TACYTAHSGK LSAAEAQNHC NQNGGNLATV KSKEEAQHVG RVLAQLLRRE AALTARMSKF WIGLQREK GK CLDPSLPLKG FSWVGGGEDT PYSNWHKELR NSCISKRCVS LLLDLSQPLL PSRLPKWSEG PCGSPGSPGS NIEGFVCKFS FKGMCRLAL GPGQVTTYT PFQTTSSSLE AVPFASAANV ACGEGDKDET QSHYFLCKEK APDVFDWGSS GPLCVSPKYG CNFNNGGCHQ DCFEGGDGSF LCGCRPGFRL LDDLVT CASR NPCSSSPCRG GATCVLGP HG KNYTCRCPQG YQLDSSQLDC VDVDECQDSP CAQECVNTPG GFRCECWVGY EPGGPGEGAC QDVDECALGR SPCAQGCTNT DGSFHCSC EE GYVLAGEDGT QCQDVDECVG PGGPLCDSL C FNTQGSFHCG CLPGWVLAPN GVSCTMGPVS LGPPSGPPDE EDKGEKEGST VPRAATASPT RGPEGTPKAT PTTSRPSLSS DAPITSAPLK MLAPSGSPGV WREPSIHHAT AASGPQEPAG GDSSVATQNN DGTGQKVDH HHHHH

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

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 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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