

Recombinant Human CSF2RA Protein

Catalog #	Source	Reactivity	Applications
CRP1362	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human CSF2RA Protein is produced by our mammalian expression system and the target gene encoding Glu23-Gly320 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 7.4.		
Gene Symbol	CSF2RA		
Alternative Names	CSF2R; CSF2RY; Granulocyte-macrophage colony-stimulating factor receptor subunit alpha; GM-CSF-R-alpha; GMCSFR-alpha; GMR-alpha; CDw116; CD116		
Entrez Gene	1438 (Human)		
SwissProt	P15509 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	EKSDLRTVAP ASSLNVRFDS RTMNLSDWCQ ENTTFSKCFL TDKKNRVVEP RLSNNECSCT FREICLHEGV TFEVHVNTSQ RGFQQKLLYP NSGREGTAAQ NFSCFIYNAD LMNCTWARGP TAPRDVQYFL YIRNSKRRRE IRCPYYIQDS GTHVGCHLDN LSGLTSRNYF LVNGTSREIG IQFFDSSLDT KKIERFNPPS NVTVRCNTTH CLVRWKQPRT YQKLSYLDLDFQ YQLDVHRKNT QPGTENLLIN VSGDLENRYN FPSSEPRAKH SVKIRAADVRL ILNWSSWSEA IIEFGSDDGVD HHHHHH		
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 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.		

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

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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