

Recombinant Human CSF2RA Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CSF2RA-3450H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CSF2RA MS Standard C13 and N15-labeled recombinant protein (NP_758448) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is the alpha subunit of the heterodimeric receptor for colony stimulating factor 2, a cytokine which controls the production, differentiation, and function of granulocytes and macrophages. The encoded protein is a member of the cytokine family of receptors. This gene is found in the pseudoautosomal region (PAR) of the X and Y chromosomes. Multiple transcript variants encoding different isoforms have been found for this gene, with some of the isoforms being membrane-bound and others being soluble.
Molecular Mass	46.2 kDa
AA Sequence	MLLLVTSLLLCELPHPAFLLIPEKSDLRTVAPASSLNVRFDSRTMNLWDQCQENTTFS KCFLTDKKNRVVEPRLSNNECSCTFREICLHEGVTFEVHVNTSQRGFQQLLYPNS GREGTAAQNFSCFIYNADLMNCTWARGPTAPRDVQYFLYIRNSKRRREIRCPYYIQD SGTHVGCHLDNLSGLTSRNYFLVNGTSREIGIQFFDSLDDTKKIERFNPPSNVTVRCN TTHCLVRWKQPRTYQKLSYLDFFQYQLDVHRKNTQPGTENLLINVSGDLENRYNFPSS SEPRAKHSVKIRAADVRLNWSSWSEAIEFGSDDGNLGSVYIYVLLIVGTLVCGIVLGF

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	LFKRFLRIQRLFPPVPQIKDKLNDNHEVEDEIWEFTPEEGKGYREEVLTVKEITTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	CSF2RA colony stimulating factor 2 receptor subunit alpha [Homo sapiens (human)]
Official Symbol	CSF2RA
Synonyms	CSF2RA; colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage); CSF2R; granulocyte-macrophage colony-stimulating factor receptor subunit alpha; CD116; GMR-alpha; GMCSFR-alpha; CD116 antigen; GM-CSF receptor alpha subunit; colony stimulating factor 2 receptor alpha subunit; granulocyte-macrophage colony-stimulating factor receptor alpha chain; GMR; SMDP4; CDw116; CSF2RX; CSF2RY; GMCSFR; CSF2RAX; CSF2RAY; MGC3848; MGC4838; GM-CSF-R-alpha;
Gene ID	1438
mRNA Refseq	NM_172245

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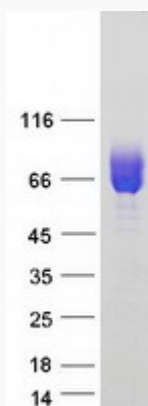
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Protein Refseq NP_758448

MIM 306250

UniProt ID P15509

SDS-PAGE



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