

Recombinant Human CSF2RA Protein

Cat. No. CSF2RA-1970H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CSF2RA full-length ORF (NP_006131.2) recombinant protein without tag.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Jul 2008]
Form	Liquid
Molecular Mass	46.2 kDa
AA Sequence	MLLLVTSLLLCELPHPAFLLIPEKSDLRTVAPASSLNVRFDSRTMNLSDWCQENTTFS KCFLTDDKKNRVVEPRLSNNECSCTFREICLHEGVTFEVHVNTSQRGFQQKLLYPNS GREGTAAQNFSCFIYNADLMNCTWARGPTAPRDVQYFLYIRNSKRREIRCPYYIQD SGTHVGCHLDNLSGLTSRNYFLVNGTSREIGIQFFDSLDDTKKIERFNPPSNVTVRN TTHCLVRWKQPRTYQKLSYLDYQYQLDVHRKNTQPGTENLLINVSGDLENRYNFPS SEPRAKHSVKIRAADVRLNWSSWSEAIEFGSDGNLGSVYIYVLLIVGTLVCGIVLGF

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	LFKRFLRIQLFPPVPQIKDKLNDNHEVEDEIIWEEFTPEEGKGYREEVLTVKEIT
Applications	Antibody Production Functional Study Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name	CSF2RA colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage) [Homo sapiens]
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

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mRNA Refseq	NM_001161529
Protein Refseq	NP_001155001
MIM	306250
UniProt ID	P15509

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