

Recombinant Human CSF2RA Protein, GST-tagged

Cat. No. CSF2RA-1971H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CSF2RA full-length ORF (AAH02635.1, 1 a.a. - 400 a.a.) recombinant protein with GST-tag at N-terminal.
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]
Molecular Mass	69.74 kDa
AA Sequence	MLLLVTSLLLCELPHPAFLLIPEKSDLRTVAPASSLNVRFDSRTMNLWDQCQENTTFS KCFLTDKKNRVVEPRLSNNECSCTFREICLHEGVTFEVHVNTSQRGFQKLLYPNS GREGTAAQNFSCFIYNADLMNCTWARGPTAPRDVQYFLYIRNSKRREIRCPYYIQD SGTHVGCHLDNLSGLTSRNYFLVNGTSREIGIQFFDSLDDTKKIERFNPPSNVTVRCN TTHCLVRWKQPRTYQKLSYLDYQYQLDVHRKNTQPGTENLLINVSGDLENRYNFP SEPRAKHSVKIRAADVRLNWSSWSEAIEFGSDDGNLGSVYIYVLLIVGTLVCGIVLGF

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LFKRFLRIQRLFPVPQIKDKLNDNHEVEDEIIWEEFTPEEGKGYREEVLTVKEIT

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

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

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

mRNA Refseq

NM_001161529

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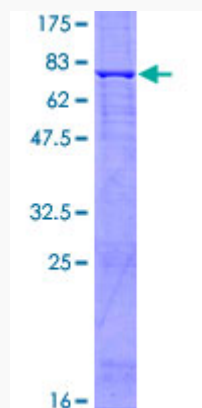
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Protein Refseq NP_001155001

MIM 306250

UniProt ID P15509

**Quality Control
Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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