

Recombinant Full Length Human CSF2RA Protein, GST-tagged

Cat. No. CSF2RA-2168HF **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	In Vitro Cell Free System
ProteinLength	400 amino acids
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	MLLLVTSLLLCELPHPAFLLIPEKSDLRTVAPASSLNVRFDSTMNLSWDCQENTTFS KCFLTDKKNRVVEPRLSNNECSCTFREICLHEGVTFEVHVNTSQRGFQQKLLYPNS GREGTAAQNFSCFIYNADLMNCTWARGPTAPRDVQYFLYIRNSKRRREIRCPYYIQD SGTHVGCHLDNLSGLTSRNYFLVNGTSREIGIQFFDSLDDTKKIERFNPPSNVTVRCN TTHCLVRWKQPRTYQKLSYLDQYQLDVHRKNTQPGTENLLINVSGDLENRYNFPS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SEPRAKHSVKIRAADVRLNWSSWSEAIEFGSDDGNLGSVYIYVLLIVGTLVCGIVLGF
LFKRFLRIQRLFPVPVQIKDKLNDNHEVEDEIWEFEFTPEEGKGYREEVLTVKEIT

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

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mRNA Refseq	NM_001161529
Protein Refseq	NP_001155001
MIM	306250
UniProt ID	P15509

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