

Proteoliposomes

Full-Length

CSF2RA (Human) Recombinant Protein

Catalog # H00001438-G01

Size 10 ug

Specification

Product Description

Human CSF2RA full-length ORF (NP_006131.2) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MLLLVTSLLLCELPHPAFLLIPEKSDLRTVAPASSLNVRFDSTMTNLSWDCQENTTFSKCFLTDKK
NRVVEPRLSNNECSCTFREICLHEGVTFEVHVNTSQRGFQQKLLYPNSGREGTAAQNFSCFYNA
DLMNCTWARGPTAPRDVQYFLYIRNSKRRREIRCPYYIQDSGTHVGCHLDNLSGLTSRNYFLVNGT
SREIGIQFFDSLDDTKIERFNPPSNVTVRCNTTHCLVRWKQPRTYQKLSYLDYQYQLDVHRKNTQ
PGTENLLINVSGDLENRYNFPSSSEPRAKHSVKIRAADVRLNWSSWSEAIEFGSDDGNLGSVYYVL
LVGTLVCGMLGFLFKRFLRIQRLFPVPQIKDKLNDNHEVEDEIWEFEFTPEEGKGYREEVLTVKEI
T

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

46.2

Interspecies Antigen Sequence

Mouse (35); Rat (32)

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — CSF2RA

Entrez GeneID	1438
GeneBank Accession#	NM_006140.3
Protein Accession#	NP_006131.2
Gene Name	CSF2RA
Gene Alias	CD116, CDw116, CSF2R, CSF2RAX, CSF2RAY, CSF2RX, CSF2RY, GM-CSF-R-alpha, GMC SFR, GMR, MGC3848, MGC4838
Gene Description	colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage)
Omim ID	306250 425000
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	CD116 antigen GM-CSF receptor alpha subunit OTTHUMP00000014504 OTTHUMP00000014505 OTTHUMP00000014917 OTTHUMP00000014918 colony stimulating factor 2 receptor alpha chain colony stimulating factor 2 receptor alpha subunit granulocyte-macrophage colony-stimu

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Hematopoietic cell lineage](#)
- [Jak-STAT signaling pathway](#)
- [Pathways in cancer](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)