CSF2RA (Human) Recombinant Protein

Catalog # P8515 Size 20 ug

Specification

Product Description	Human CSF2RA (P15509, 20 a.a. - 320 a.a) partial-length recombinant protein with His-tag at N-terminal expressed in *Escherichia coli*.
Host	Escherichia coli
Theoretical MW (kDa)	37.2
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 85% by SDS-PAGE
Storage Buffer	CSF2RA protein solution (1mg/mL) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.
Storage Instruction	Store at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles.

Applications

- SDS-PAGE

Gene Info — CSF2RA

Entrez GeneID	1438
Protein Accession#	P15509
Gene Name	CSF2RA
Gene Alias	CD116, CDw116, CSF2R, CSF2RAX, CSF2RAY, CSF2RX, CSF2RY, GM-CSF-R-alpha, GMCSFR, GMR, MGC3848, MGC4838

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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

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