CSF1 (Human) Recombinant Protein

Catalog # P8920 Size 2 x 10 ug

Specification

Product Description	Human CSF1 (P09603) recombinant protein expressed in *Baculovirus*.
Sequence	EEVSEYCSHMIGSGHLQSLQRLIDSQMETSCQITFEFVDQEQLKDPVCYLKKAFLLVQDIMEDTMR FRDNTPNAIAIVQLQELSLRLKSCFTKDYEEHDKACVRTFYETPLQLLEKVKNVFNETKNLLDKDW NIFSKNCNNSFAECSSQ.
Host	Viruses
Theoretical MW (kDa)	42
Form	Lyophilized
Preparation Method	*Baculovirus* expression system
Purity	> 95% by HPLC and SDS PAGE
Storage Buffer	Lyophilized from 20mM phosphate buffer, 1% HSA and 3% manntiol.
Storage Instruction	Store at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles.

Applications

- Functional Study
- SDS-PAGE

Gene Info — CSF1

Entrez GeneID	1435
Protein Accession#	P09603
Gene Name	CSF1

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Gene Alias	MCSF, MGC31930
Gene Description	colony stimulating factor 1 (macrophage)
Omim ID	120420
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytokine that controls the production, differentiation, and fun ction of macrophages. The active form of the protein is found extracellularly as a disulfide-linked h omodimer, and is thought to be produced by proteolytic cleavage of membrane-bound precursors . The encoded protein may be involved in development of the placenta. Four transcript variants en coding three different isoforms have been found for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000013362|OTTHUMP00000013363|OTTHUMP00000013364|colony stimulating f actor 1|macrophage colony stimulating factor

Pathway

- Cytokine-cytokine receptor interaction
- Hematopoietic cell lineage

Disease

- Alzheimer disease
- Cardiovascular Diseases
- Chorioamnionitis
- Coronary Artery Disease
- Diabetes Mellitus
- Edema
- Fetal Membranes
- Genetic Predisposition to Disease
- Inflammation
- Kidney Failure
- Neoplasms

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- Obstetric Labor
- Osteitis Deformans
- Ovarian Neoplasms
- Periodontitis
- Pre-Eclampsia
- Premature Birth

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