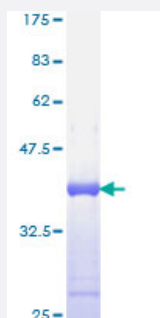


CSF1 (Human) Recombinant Protein (Q01)

Catalog # H00001435-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CSF1 partial ORF (AAH21117, 33 a.a. - 132 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EEVSEYCSHMIGSGHLQSLQRLIDSQMETSCQITFEFVDQEQLKDPVCYLKKAFLLVQDIMEDTMR FRDNTPNIAIAVQLQELSLRLKSCFTKDYEEHDK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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

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

Gene Info — CSF1

Entrez GeneID [1435](#)

GeneBank Accession# [BC021117](#)

Protein Accession# [AAH21117](#)

Gene Name CSF1

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 function of macrophages. The active form of the protein is found extracellularly as a disulfide-linked homodimer, 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 encoding three different isoforms have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000013362|OTTHUMP00000013363|OTTHUMP00000013364|colony stimulating factor 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](#)
- [Obstetric Labor](#)
- [Osteitis Deformans](#)
- [Ovarian Neoplasms](#)
- [Periodontitis](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)