

Recombinant Full Length Human CSF1 Protein, GST-tagged

Cat. No. CSF1-2156HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CSF1 full-length ORF (NP_000748.3, 1 a.a. - 554 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	554 amino acids
Description	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. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2011]
Molecular Mass	86.5 kDa
AA Sequence	MTAPGAAGRCPPPTTWLGSLLLLVCLLASRSITEEVSEYCSHMIGSGHLQSLQRLIDS QMETSCQITFEFVDQEQLKDPVCYLKKAFLLVQDIMEDTMRFRDNTNPNAIAIVQLQEL SLRLKSCFTKDYEEHDKACVRTFYETPLQLLEKVKNVFNETKNLLDKDWNIFSKNCN NSFAECSSQDVVTKPDCNCLYPKAIPSSDPASVSPHQPLAPSMAPVAGLTWEDSEG TEGSSLLPGEQPLHTVDPGSAKQRPPRSTCQSFEPPETPVVKDSTIGGSPQPRPSV GAFNPGMEDILDSAMGTNWWPEEASGEASEIPVPQGTELSPSRPGGGSMQTEPAR PSNFLSASSPLPASAKGQQPADVTGTALPRVGPVRPTGQDWNHTPQKTDHPSALL

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RDPPEPGSPRISSLRPQGLSNPSTLSAQPLSRSHSSGSVLPLGELEGRRSTRDRR
 SPAEPEGGPASEGAARPLPRFNSVPLTDTGHERQSEGSSSPQLQESVFHLLVPSVIL
 VLLAVGGLLFYRWRRRSHQEPQRADSPLEQPEGSPLTQDDRQVELPV

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

CSF1 colony stimulating factor 1 (macrophage) [Homo sapiens]

Official Symbol

CSF1

Synonyms

CSF1; colony stimulating factor 1 (macrophage); macrophage colony-stimulating factor 1; M CSF; MCSF; MGC31930; Ianimostim; CSF-1

Gene ID

1435

mRNA Refseq

NM_000757

Protein Refseq

NP_000748

MIM

120420

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UniProt ID

P09603

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