

# Recombinant Full Length Human CSF1 Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human CSF1 full-length ORF ( NP_000748.3, 1 a.a. - 554 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	554 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	86.5 kDa
<b>AA Sequence</b>	MTAPGAAGRCPPTTWLGSLLLLVCLLASRSITEEVSEYCSHMIGSGHLQSLQRLIDS QMETSCQITFEFVDQEQLKDPVCYLKKAFLLVQDIMEDTMRFRDNTPNIAIIVQLQEL SLRLKSCFTKDYEEHDKACVRTFYETPLQLLEKVKNVFNETKNLLDKDWNIFSKNCN NSFAECSSQDVVTKPDCNCLYPKAIPSSDPASVSPHQPLAPSMAPVAGLTWEDSEG TEGSSLLPGEQLHTVDPGSAKQRPPRSTCQSFEPPETPVVKDSTIGGSPQPRPSV GAFNPGMEDILDSAMGTNWWPEEASGEASEIPVPQGTELSRPGGGSMQTEPAR PSNFLSASSPLPASAKGQQPADVTGTALPRVGPVRPTGQDWNHTPQKTDHPSALL

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RDPPEPGSPRISSLRPQGLSNPSTLSAQPLSRSHSSGSVLPLGELEGRRSTRDRR  
 SPAEPEGGPASEGAARPLPRFNSVPLTDTGHERQSEGSSSPQLQESV FHLLVPSVIL  
 VLLAVGGLLFYRWRRRSHQEPQRADSPLEQPEGSPLTQDDRQVELPV

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	CSF1 colony stimulating factor 1 (macrophage) [ Homo sapiens ]
<b>Official Symbol</b>	CSF1
<b>Synonyms</b>	CSF1; colony stimulating factor 1 (macrophage); macrophage colony-stimulating factor 1; M CSF; MCSF; MGC31930; Ianimostim; CSF-1
<b>Gene ID</b>	1435
<b>mRNA Refseq</b>	NM_000757
<b>Protein Refseq</b>	NP_000748
<b>MIM</b>	120420

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UniProt ID

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