

## Recombinant Human CSF2 protein, His-tagged

Cat. No. CSF2-5385H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CSF2 protein(P04141)(18-144aa), fused to N-terminal His tag, was expressed in Yeast.
<b>Species</b>	Human
<b>Source</b>	Yeast
<b>ProteinLength</b>	18-144aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	16.5 kDa
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

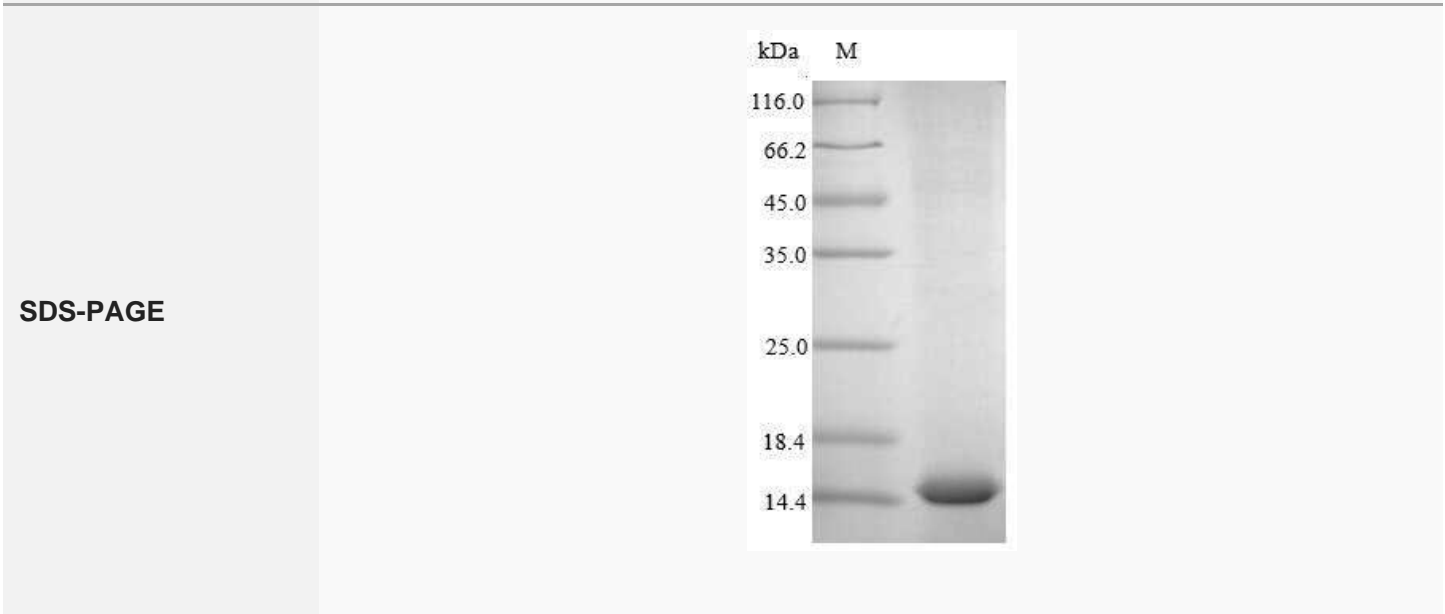
### GENE INFORMATION

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<b>Gene Name</b>	CSF2 colony stimulating factor 2 (granulocyte-macrophage) [ Homo sapiens ]
<b>Official Symbol</b>	CSF2
<b>Synonyms</b>	CSF2; colony stimulating factor 2 (granulocyte-macrophage); granulocyte-macrophage colony-stimulating factor; GM CSF; GMCSF; granulocyte macrophage colony stimulating factor; molgramostin; sargramostim; CSF; colony-stimulating factor; granulocyte-macrophage colony stimulating factor; MGC131935; MGC138897;
<b>Gene ID</b>	1437
<b>mRNA Refseq</b>	NM_000758
<b>Protein Refseq</b>	NP_000749
<b>MIM</b>	138960
<b>UniProt ID</b>	P04141



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