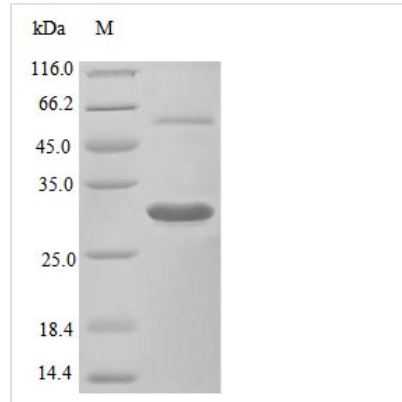




# Recombinant Mouse Macrophage colony-stimulating factor 1 protein (Csf1), partial (Active)

<b>Product Code</b>	CSB-AP003461MO
<b>Abbreviation</b>	Recombinant Mouse Csf1 protein, partial (Active)
<b>Uniprot No.</b>	P07141
<b>Form</b>	Lyophilized powder
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered 20 mM Tris, 500 mM NaCl, pH 7.4
<b>Product Type</b>	Colony Stimulating Factor
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Biological Activity</b>	Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using murine M-NFS-60 cells is less than 2 ng/ml, corresponding to a specific activity of >5.0x10 <sup>5</sup> IU/mg.
<b>Purity</b>	≥95% as determined by SDS-PAGE.
<b>Sequence</b>	KEVSEHCSTM IGNGHLKVLQ QLIDSQMETS CQIAFEFVDQ EQLDDPVCYL KKAFFLVQDI IDETMRFKDN TPNANATERL QELSNLNSC FTKDYEEQNK ACVRTFHETP LQLLEKIKNF FNETKNLLEK DWNIFTKNCN NSFAKCSSRD VVTKPDCNCL YPKATPSSDP ASASPHQPPA PSMAPLAGLA WDDSQRTEGS SLLPSELPLR IEDPGSAKQR PPRSTCQTLE
<b>Research Area</b>	Immunology
<b>Source</b>	E.Coli
<b>Target Names</b>	Csf1
<b>Expression Region</b>	33-262aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag-Free
<b>Mol. Weight</b>	26 kDa
<b>Protein Length</b>	Partial
<b>PubMed ID</b>	3494232; 2457916; 8357831; 16141072; 15489334; 3493488; 3925458; 1874443; 12074592; 12379742; 1733926; 2188141; 19017797
<b>Image</b>	

**Endotoxin**

Less than 1.0 EU/ $\mu$ g as determined by LAL method.

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.