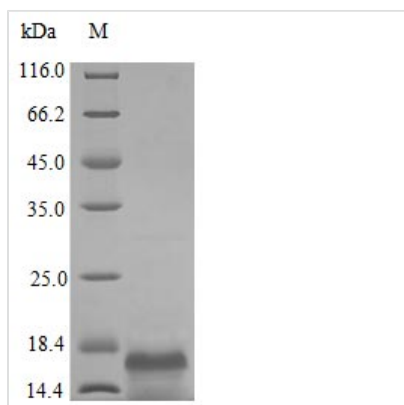




Recombinant Human Macrophage colony-stimulating factor 1 protein (CSF1), Partial (Active)

Product Code	CSB-AP002131HU
Uniprot No.	P09603
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 μm filtered PBS, pH7.4
Product Type	Colony Stimulating Factor
Immunogen Species	Homo sapiens (Human)
Biological Activity	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 1 ng/ml, corresponding to a specific activity of >1.0x10 ⁶ IU/mg.
Purity	>95% as determined by SDS-PAGE.
Sequence	EEVSEYCSHM IGSGHLQSLQ RLIDSQMETS CQITFEFVDQ EQLKDPVCYL KKAFLLVQDI MEDTMRFRDN TPNAIAIVQL QELSLRLKSC FTKDYEEHDK ACVRTFYETP LQLLEKVKNV FNETKNLLDK DWNIFSKNCN NSFAECSSQG HERQSEGS
Research Area	Immunology
Source	E.Coli
Target Names	CSF1
Expression Region	33-190aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	18.4 kDa
Protein Length	Partial of Isoform 3
PubMed ID	2996129; 3493529; 2460758; 2660794; 14702039; 16710414; 15489334; 3500041; 1791839; 8262907; 3498652; 3259875; 3039346; 3264877; 1531650; 8422357; 15519852; 16337366; 18687298; 19934330; 20829061; 20504948; 22171320; 23234360; 26091039; 1455231

Image


Endotoxin

Less than 1.0 EU/μg 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.