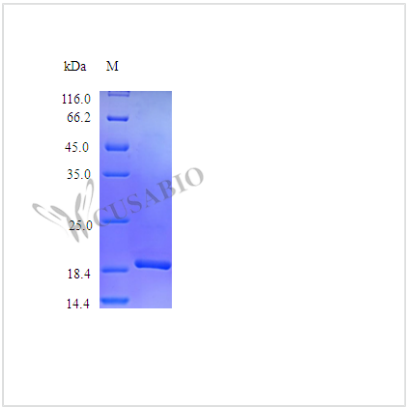
Recombinant Mouse Granulocyte colony-stimulating factor protein (Csf3) (Active)

Product Code	CSB-AP003161MO
Abbreviation	Recombinant Mouse Csf3 protein (Active)
Uniprot No.	P09920
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 m filtered 10 mM Sodium Citrate, pH 4.0, 150 mM NaCl, 0.01 % Tween20
Product Type	Colony Stimulating Factor
Immunogen Species	Mus musculus (Mouse)
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using murine NFS?60 cells is less than 0.05 ng/ml, corresponding to a specific activity of >2.0x10^7 IU/mg.
Purity	≥98% as determined by SDSPAGE.
Sequence	VPLVTVSALP PSLPLPRSFL LKSLEQVRKI QASGSVLLEQ LCATYKLCHP EELVLLGHSL GIPKASLSGC SSQALQQTQC LSQLHSGLCL YQGLLQALSG ISPALAPTLD LLQLDVANFA TTIWQQMENL GVAPTVQPTQ SAMPAFTSAF QRRAGGVLAI SYLQGFLETA RLALHHLA
Research Area	Immunology
Source	E.coli
Target Names	Csf3
Expression Region	31-208aa
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	18.9 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	3489940; 3494605; 3501294
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.