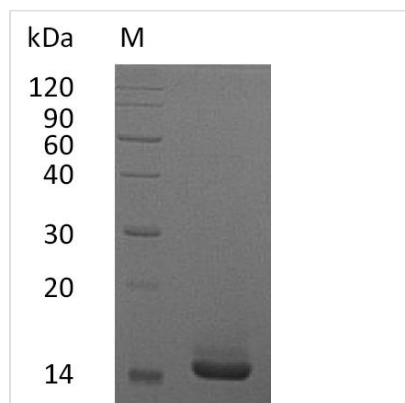




Recombinant Human Granulocyte-macrophage colony-stimulating factor (CSF2) (Active)

Product Code	CSB-AP003581HU
Uniprot No.	P04141
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 μ m filtered 1xPBS, pH 7.4.
Product Type	Colony Stimulating Factor
Immunogen Species	Homo sapiens (Human)
Biological Activity	The ED50 as determined in a cell proliferation assay using TF?1 human erythroleukemic cells is 4-20 pg/ml.
Purity	Greater than 95% as determined by SDS-PAGE.
Sequence	APARSPSPSTQPWEHVNAIQEARRLLNLSRDTAEMNETVEVISEMFDLQEPT CLQTRLELYKQGLRGSLTKLKGPLTMMASHYKQHCPTPETSCATQIITFESFK ENLKDFLLVIPFDCWEPVQE
Lead Time	Basically, we can dispatch the products out in 5-10 working days after receiving your orders. Delivery time may differ from different purchasing way or location, please kindly consult your local distributors for specific delivery time.
Research Area	Immunology
Source	E.coli
Gene Names	CSF2
Expression Region	18-144aa
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	14.6 kDa
Protein Description	Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Endotoxin

Less than 0.01 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.