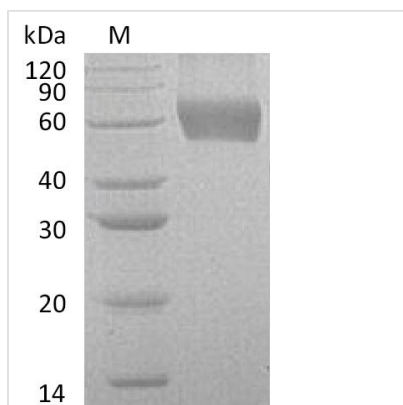




Recombinant Human Granulocyte-macrophage colony-stimulating factor receptor subunit alpha (CSF2RA), partial (Active)

Product Code	CSB-AP003591HU
Abbreviation	Recombinant Human CSF2RA protein, partial (Active)
Uniprot No.	P15509
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered 20 mM PB, 150 mM NaCl, pH 7.4
Product Type	Colony Stimulating Factor
Immunogen Species	Homo sapiens (Human)
Biological Activity	The ED50 as determined by its ability to inhibit GM-CSF-dependent proliferation of TF?1 human erythroleukemic cells is 0.5-2 µg/ml.
Purity	Greater than 95% as determined by SDS-PAGE.
Sequence	EKSDLRTVAPASSLNVRFDSRTMNLSDCQENTTFSCFLTDKKNRVVEPRL SNNECSCTFREICLHEGVTFEVHVNTSQRGFQQKLLYPNSGREGTAAQNFSC FIYNADLMNCTWARGPTAPRDVQYFLYIRNSKRRREIRCPYYIQDSGTHVGCH LDNLSGLTSRNYFLVNGTSREIGIQFFDSLDDTKKIERFNPPSNVTVRCNTHCL VRWKQPRTYQKLSYLDYQYQLDVHRKNTQPGTENLLINVSGDLENRYNFPSS EPRAKHSVKIRAADVRILNWSSWSEAIEFGSDDG
Research Area	Immunology
Source	Mammalian cell
Target Names	CSF2RA
Expression Region	23-320aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 6xHis-tagged
Mol. Weight	35.5 kDa
Protein Length	Partial
Image	



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

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.