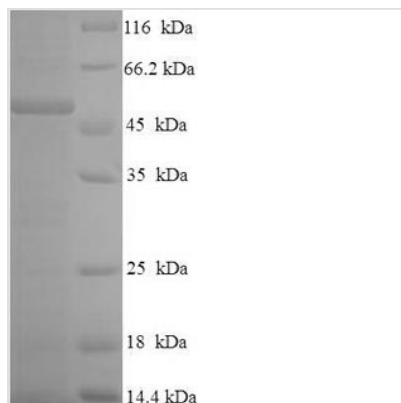




Recombinant Human Granulocyte-macrophage colony-stimulating factor receptor subunit alpha (CSF2RA), partial

Product Code	CSB-EP006046HU
Relevance	Low affinity receptor for granulocyte-macrophage colony-stimulating factor. Transduces a signal that results in the proliferation, differentiation, and functional activation of hatopoietic cells.
Abbreviation	Recombinant Human CSF2RA protein, partial
Storage	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.
Uniprot No.	P15509
Alias	CDw116; CD116
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	EKSDLRTVAPASSLNVRFDSRTMNLSDWCQENTTFSKCFLTDKKNRVVEPRL SNNECSCTFREICLHEGVTFEVHVNTSQRGFQQKLLYPNSGREGTAAQNFSC FIYNADLMNCTWARGPTAPRDVQYFLYIRNSKRRREIRCPYYIQDSGTHVGCH LDNLSGLTSRNYFLVNGTSREIGIQFFDSLDDTKKIERFNPPSNVTVRCNTTHCL VRWKQPRTYQKLSYLDQYQLDVHRKNTQPGTENLLINVSGDLENRYNFPSS EPRAKHSVKIRAADVRLNWSSWSEAIEFGSDDG
Research Area	Immunology
Source	E.coli
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	N-terminal 6xHis-SUMO-tagged
Mol. Weight	50.5kDa
Protein Length	Extracellular Domain
Image	



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

Description

Experience the exceptional quality of our Recombinant Human CSF2RA, expertly designed for optimal performance in immunology research. This product features the extracellular domain of Granulocyte-macrophage colony-stimulating factor receptor subunit alpha (GM-CSF-R-alpha, GMCSFR-alpha, GMR-alpha, CD116), an important protein involved in immune system regulation and hematopoietic cell proliferation and differentiation.

Sourced from E.coli, the Recombinant Human CSF2RA encompasses an expression region of 23-320 amino acids and includes an N-terminal 6xHis-SUMO tag for seamless purification and detection. With a purity greater than 90% as determined by SDS-PAGE, our product is available in both liquid and lyophilized powder formats to accommodate your research needs. Choose the precision-engineered Recombinant Human CSF2RA to advance your immunology research with confidence and reliability.

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.