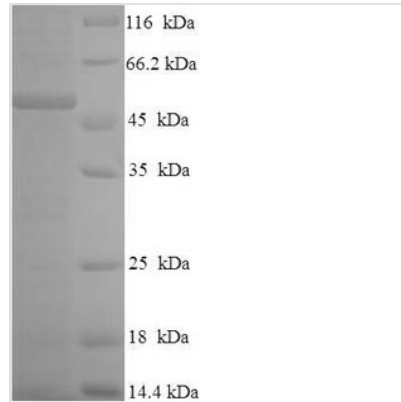




# Recombinant Human Granulocyte-macrophage colony-stimulating factor receptor subunit alpha (CSF2RA), partial

<b>Product Code</b>	CSB-EP006046HU
<b>Relevance</b>	Low affinity receptor for granulocyte-macrophage colony-stimulating factor. Transduces a signal that results in the proliferation, differentiation, and functional activation of hatopoietic cells.
<b>Storage</b>	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.
<b>Uniprot No.</b>	P15509
<b>Alias</b>	CDw116; CD116
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	EKSDLRTVAPASSLNVRFDSRTMNLSDCQENTTFSKCFLTDKKNRVVEPRL SNNECSCTFREICLHEGVTFEVHVNTSQRGFQKLLYPNSGREGTAAQNFSC FIYNADLMNCTWARGPTAPRDVQYFLYIRNSKRRREIRCPYYIQDSGTHVGCH LDNLSGLTSRNYFLVNGTSREIGIQFFDLSLLDTKKIERFNPPSNVTVRCNTTHCL VRWKQPRTYQKLSYLDYQYQLDVHRKNTQPGTENLLINVSGDLENRYNFPSS EPRAKHSVKIRAADVRLNWSSWSEAIIEFGSDDG
<b>Research Area</b>	Immunology
<b>Source</b>	E.coli
<b>Target Names</b>	CSF2RA
<b>Expression Region</b>	23-320aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-SUMO-tagged
<b>Mol. Weight</b>	50.5kDa
<b>Protein Length</b>	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.