

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

Catalog No: #AP70198

Package Size: #AP70198-1 20ug #AP70198-2 100ug #AP70198-3 1mg

Description

Product Name	Recombinant Human Granulocyte-macrophage colony-stimulating factor receptor subunit alpha(CSF2RA),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:23-320aaSequence Info:Extracellular Domain
Other Names	CDw116; CD116
Accession No.	P15509
Calculated MW	50.5 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	EKSDLRTVAPASSLNVRFDSRTMNLWDQCQENTTFSKCFLTDKKNRVVEPRLSNNECSCTFREICLHEGVTFE VHVNTSQRGFQQKLLYPNSGREGTAAQNFSCFIYNADLMNCTWARGPTAPRDVQYFLYIRNSKRRREIRCPY YIQDSGTHVGCHLDNLSGLTSRNYFLVNGTSREIGIQFFDSSLDTKKIERFNPPSNVTVCNTTHCLVRWKQPR TYQKLSYLDYQYQLDVHRKNTQPGTENLLINVSGDLENRYNFPSSSEPRAKHSVKIRAADVRILNWSSWSEAIEF GSDDG
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Low affinity receptor for granulocyte-macrophage colony-stimulating factor. Transduces a signal that results in the proliferation, differentiation, and functional activation of hematopoietic cells.

References

Cloning and sequencing of the cDNA variant with 397 bp missing for the GM-CSF receptor alpha subunit.Hu X., Zuckerman K.S.Discovery and characterization of a novel splice variant of the GM-CSF receptor alpha subunit.Pelley J.L., Nicholls C.D., Beattie T.L., Brown C.B.Exp. Hematol. 35:1483-1494(2007)Research Topic:Immunology

Note: This product is for in vitro research use only and is not intended for use in humans or animals.