

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

Catalog No: #AP70196

Package Size: #AP70196-1 20ug #AP70196-2 100ug #AP70196-3 1mg

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Description

Product Name	Recombinant Human Granulocyte-macrophage colony-stimulating factor(CSF2)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:18-144aaSequence Info:Full Length
Other Names	Colony-stimulating factor ;CSFMolgramostin;Sargramostim
Accession No.	P04141
Calculated MW	30.5 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	APARSPSPSTQPWEHVNAIQEARRLLNLSRDTAAEMNETVEVISEMFDLQEPTCLQTRLELYKQGLRGS�TKL KGPLTMMASHYKQHCPPTPETSCATQIITFESFKENLKDFLLVIPFDCWEPVQE
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

Cytokine that stimulates the growth and differentiation of hatopoietic precursor cells from various lineages, including granulocytes, macrophages, eosinophils and erythrocytes.

References

The structure of the GM-CSF receptor complex reveals a distinct mode of cytokine receptor activation.Hansen G., Hercus T.R., McClure B.J., Stomski F.C., Dottore M., Powell J., Ramshaw H., Woodcock J.M., Xu Y., Guthridge M., McKinsty W.J., Lopez A.F., Parker M.W.Cell 134:496-507(2008)
Research Topic:Immunology

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