

Recombinant Human Interleukin-3(IL3)

Catalog No: #AP70440

Package Size: #AP70440-1 20ug #AP70440-2 100ug #AP70440-3 1mg

Description

Product Name	Recombinant Human Interleukin-3(IL3)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:20-152aaSequence Info:Full Length
Other Names	Hematopoietic growth factorMast cell growth factor ;MCGFMultipotential colony-stimulating factorP-cell-stimulating factor
Accession No.	P08700
Calculated MW	42.1 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	APMTQTTPKTSWVNCNMIIDEIITHLKQPPLPLLDFFNNLNGEDQDILMENNLRPNLEAFNRAVKSLQNASAI ESILKNLLPCLPLATAAPTRHPIHIKGDWNEFRRLTFYKLTLENAQAQQTTLSLAIF
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

Granulocyte,macrophage colony-stimulating factors are cytokines that act in hatopoiesis by controlling the production, differentiation, and function of 2 related white cell populations of the blood, the granulocytes and the monocytes-macrophages.This CSF induces granulocytes, macrophages, mast cells, st cells, erythroid cells, eosinophils and megakaryocytes.

References

SeattleSNPs variation discovery resourceThe DNA sequence and comparative analysis of human chromosome 5.Schmutz J., Martin J., Terry A., Couronne O., Grimwood J., Lowry S., Gordon L.A., Scott D., Xie G., Huang W., Hellsten U., Tran-Gyamfi M., She X., Prabhakar S., Aerts A., Altherr M., Bajorek E., Black S. , Branscomb E., Caoile C., Challacombe J.F., Chan Y.M., Denys M., Detter J.C., Escobar J., Flowers D., Fotopulos D., Glavina T., Gomez M., Gonzales E., Goodstein D., Grigoriev I., Groza M., Hammon N., Hawkins T., Haydu L., Israni S., Jett J., Kadner K., Kimball H., Kobayashi A., Lopez F., Lou Y., Martinez D., Medina C., Morgan J., Nandkeshwar R., Noonan J.P., Pitluck S., Pollard M., Predki P., Priest J., Ramirez L., Retterer J., Rodriguez A., Rogers S., Salamov A., Salazar A., Thayer N., Tice H., Tsai M., Ustaszewska A., Vo N., Wheeler J., Wu K., Yang J., Dickson M., Cheng J.-F., Eichler E.E., Olsen A., Pennacchio L.A., Rokhsar D.S., Richardson P., Lucas S.M., Myers R.M., Rubin E.M.Nature 431:268-274(2004)Research Topic:Immunology

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