

Interleukin-3 Active Protein | rmlL3 active protein

Recombinant Rhesus Macaque Interleukin-3

CATALOG # AAA38970	HOST E Coli
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PRODUCT SYNONYMS

Interleukin-3; Recombinant Rhesus Macaque Interleukin-3; IL 3 Rhesus Macaque; Interleukin-3 Rhesus Macaque Recombinant; MCGF (Mast cell growth factor); Multi-CSF; HCGF; P-cell stimulation factor; IL-3; MGC79398; MGC79399; rmlL3 active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 97.0% as determined by SDS-PAGE.
Form/Format	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4. Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	APMTQTTSLK TSWAKCSNMI DEIITHLNQP PLPSPDFNNL NEEDQTILVE KNLRRSNLEA FSKAVKSLQN ASAIESILKN LPPCLPMATA APTRPPIRIT NGDRNDFRRK LKFYKLTLEN EQAQ
Sequence Length	152
Solubility	It is recommended to reconstitute the lyophilized IL-3 in sterile 18MOMega-cm H2O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	The ED50 as determined by the dose-dependant stimulation of the proliferation of human TF-1 cells is less than 0.1ng/ml, corresponding to a Specific Activity of 10,000,000IU/mg.
Preparation and Storage	Lyophilized IL-3 Rhesus Macaque although stable at room temperature for 3 weeks, should be stored dessicated below -18 degree C. Upon reconstitution IL3 Rheus Macaque should be stored at 4 degree C between 2-7 days and for future use below -18 degree C. Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for rmlL3 active protein	Description: IL 3 Rhesus Macaque Recombinant produced in E Coli is a single, non-glycosylated, polypeptide chain containing 124 amino acids and having a molecular mass of 14.0kDa. The IL 3 Rhesus Macaque is purified by proprietary chromatographic techniques. Introduction: IL3 is a potent growth promoting cytokine. This cytokine is capable of supporting the proliferation of a broad range of hematopoietic cell types. It is involved in a variety of cell activities such as cell growth, differentiation and apoptosis. This cytokine has been shown to also possess neurotrophic activity, and it may be associated with neurologic disorders.
Product Categories/Family for rmlL3 active protein	Cytokines and Growth Factors; Cytokines; Interleukin

NCBI AND UNIPROT INFORMATION

NCBI GI #	28416915
NCBI GeneID	3562
NCBI Accession #	NP_000579.2
NCBI GenBank Nucleotide #	NM_000588.3

Molecular Weight	17,233 Da
NCBI Official Full Name	interleukin-3
NCBI Official Synonym Full Names	interleukin 3
NCBI Official Symbol	IL3
NCBI Official Synonym Symbols	IL-3; MCGF; MULTI-CSF
NCBI Protein Information	interleukin-3; P-cell stimulating factor; P-cell-stimulating factor; colony-stimulating factor, multiple; hematopoietic growth factor; mast cell growth factor; mast-cell growth factor; multilineage-colony-stimulating factor; multipotential colony-stimulating factor
UniProt Protein Name	Interleukin-3
UniProt Gene Name	IL3
UniProt Synonym Gene Names	IL-3; MCGF
UniProt Entry Name	IL3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-rmil3-active-protein/interleukin-3/38970>