

Interleukin-3 Active Protein | IL 3 active protein

Recombinant Human Interleukin-3, His Tag

CATALOG #
AAA38225

HOST
E Coli

PRODUCT SYNONYMS

Interleukin-3; Recombinant Human Interleukin-3; His Tag; IL 3 Human; His; Interleukin-3 Human Recombinant; MCGF (Mast cell growth factor); Multi-CSF; HCGF; P-cell stimulation factor; IL-3; MGC79398; MGC79399; IL 3 His; IL 3 active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90.0% as determined by analysis by SDS-PAGE.
Form/Format	Interleukin-3 His (1mg/ml) is supplied in 20mM Tris-HCl buffer (pH 8.0), 0.2mM PMSF and 10% glycerol. Sterile Filtered clear solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMAP MTQTTSKTS WVNCNMIDE IITHLKQPPL PLLDFNNLNG EDQDILMENN LRRPNLEAFN RAVKSLQNAS AIESILKNLL PCLPLATAAP TRHPIHIKDG DWNEFRRLKT FYLKTLENAQ AQQTTLSLAI F
Sequence Length	152
Biological Activity	The ED50 for this effect is <0.53ng/ml. Measured in a cell proliferation assay using TF1 human erythroleukemic cells.

ADDITIONAL INFORMATION

Related Product Information for IL 3 active protein	Description: Interleukin-3 Human Recombinant produced in E Coli is single, a non-glycosylated, Polypeptide chain containing 154 amino acids fragment (20-152) and having a total molecular mass of 17.3kDa and fused with a 20 aa N-terminal His tag. The IL3 His is purified by proprietary chromatographic techniques. Introduction: Interleukin-3 is a pleiotropic cytokine produced primarily by activated T cells. IL-3 is thought to function via specific cell surface receptors to stimulate the proliferation, differentiation and survival of haematopoietic cell lines. IL-3 has also been shown to affect the functional activity of a variety of other cell types including mast cells, eosinophils, megakaryocytes and basophils.
Product Categories/Family for IL 3 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
UniProt Accession #	P08700; Q6GS87
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://www.aaabiotech.com/e-coli-il-3-active-protein/interleukin-3/38225>