

Interleukin-3 Recombinant Protein | IL3 recombinant protein

Recombinant Mouse Interleukin-3, sf9

CATALOG # AAA37996	HOST Sf9 Baculovirus Cells
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PRODUCT SYNONYMS

Interleukin-3; Recombinant Mouse Interleukin-3; sf9; IL3 Mouse; Interleukin-3 Mouse Recombinant; IL3 sf9; L-3; Hematopoietic growth factor; Mast cell growth factor; MCGF; Multipotential colony-stimulating factor; P-cell-stimulating factor; IL3; Csfmu; IL-3; BPA; HCGF; PSF; IL3 recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 Baculovirus Cells
Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	IL3 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Sterile Filtered colorless solution.
Sequence	ASISGRDTHR LTRTLNCCSI VKEIIGKLPE PELKTDDEGP SLRNKSFRRV NLSKFVESQG EVDPEDRYVI KSNLQKLNCC LPTSANDSAL PGVFIRDLDD FRKKLRFYMV HLNDLETVLT SRPPQPASGS VSPNRGTVEC LE <u>HHHHH H</u> .
Sequence Length	166
Biological Activity	The ED50 is Measured in a cell proliferation assay using TF-1 human erythroleukemic and is ≤ 0.1 ng/ml.
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for IL3 recombinant protein	IL3 Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 148 amino acids (27-166 a.a.) and having a molecular mass of 16.7 kDa (Migrates at 18-28kDa on SDS-PAGE under reducing conditions). IL3 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.
Product Categories/Family for IL3 recombinant protein	Cytokines and Growth Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	31982791
NCBI GeneID	16187
NCBI Accession #	NP_034686.2
NCBI GenBank Nucleotide #	NM_010556.4
UniProt Accession #	P01586
NCBI Official Full Name	interleukin-3
NCBI Official Synonym Full Names	interleukin 3

NCBI Official Symbol	IL3
NCBI Official Synonym Symbols	BPA; PSF; HCGF; IL-3; MCGF; Csfnu
NCBI Protein Information	interleukin-3
UniProt Protein Name	Interleukin-3
UniProt Gene Name	IL3
UniProt Synonym Gene Names	Csfnu; IL-3; IL-3; MCGF
UniProt Entry Name	IL3_MOUSE

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/il3-recombinant-protein-sf9/37996>