

Active Recombinant Mouse IL3 Protein, His-tagged

Cat. No. IL3-7242M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant mouse IL3, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques
Species	Mouse
Source	Insect Cells
ProteinLength	27-166
Description	This CSF induces granulocytes, macrophages, mast cells, stem cells, erythroid cells, eosinophils and megakaryocytes.
Form	Liquid
Bio-activity	Measured in a cell proliferation assay using TF-1 human erythroleukemic cell. The ED50 for this effects is less or equal to 0.1 ng/mL.
Molecular Mass	16.7 kDa
AA Sequence	ASISGRDTHRLTRTLNCSSIVKEIIGKLPEPELKTDDDEGPSLRNKSFRRVNL SKFVESQ GEVDPEDRYVIKSNLQKLNCCCLPTSANDSALPGVFIRDLDLDFRKKLRFYMVHLNDLE TVLTSRPPQPASGSVSPNRGTVECLEHHHHHHH
Endotoxin	< 1.0 EU/μg of protein (determined by LAL method)

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Purity	> 90 % by SDS-PAGE
Stability	Shelf life: one year from despatch.
Storage	Store undiluted at 2-8 centigrade for one week or (in aliquots) at -20 to -80 centigrade for longer. Avoid repeated freezing and thawing.
Concentration	0.25 mg/mL (determined by absorbance at 280nm)
Storage Buffer	Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.

GENE INFORMATION

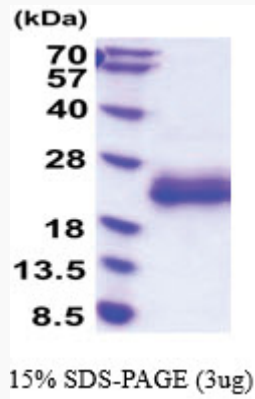
Gene Name	IL3 interleukin 3 [<i>Mus musculus</i> (house mouse)]
Official Symbol	IL3
Synonyms	IL3; interleukin 3; B; P; II; BPA; PSF; Csfm; HCGF; IL-3; MCGF; Csfmu; interleukin-3; P-cell-stimulating factor; hematopoietic growth factor; mast cell growth factor; multipotential colony-stimulating factor
Gene ID	16187
mRNA Refseq	NM_010556
Protein Refseq	NP_034686
UniProt ID	P01586

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SDS-PAGE



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