

Active Recombinant Mouse IL3

Cat. No. IL3-644M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL3 (Accession # NP_034686) Asp33-Cys166, fused with an N-terminal Met, was produced in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Asp33-Cys166
Predicted N Terminal	Asp33
Form	Lyophilized from a 0.2 µ filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured in a cell proliferation assay using NFS-60 mouse myelogenous leukemia lymphoblast cells. Holmes, K.L. et al. (1985) Proc. Natl. Acad. Sci. USA 82:6687. The ED50 for this effect is typically 20-100 pg/mL.
Molecular Mass	Recombinant Mouse IL3, Met-tagged has a calculated MW of 15 kDa.
Purity	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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Reconstitution

Reconstitute at 10 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION
Gene Name

IL3 interleukin 3 [*Mus musculus*]

Official Symbol

IL3

Synonyms

IL3; interleukin 3; interleukin-3; mast cell growth factor; P-cell-stimulating factor; hematopoietic growth factor; multipotential colony-stimulating factor; BPA; PSF; HCGF; IL-3; MCGF; Csfmu;

Gene ID

16187

mRNA Refseq

NM_010556

Protein Refseq

NP_034686

MIM

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