

Active Recombinant Mouse Il3 Protein

Cat. No. Il3-108M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse interleukin 3 (Il3) (Ala27-Cys166) without tag was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	27-166 a.a.
Description	This CSF induces granulocytes, macrophages, mast cells, stem cells, erythroid cells, eosinophils and megakaryocytes.
Bio-activity	The ED50 is 0.05 - 0.200 ng/ml, corresponding to a specific activity of $0.5-2.0 \times 10^7$ units/mg, determined by the dose dependent stimulation of a M-NFS-60 cell proliferation assay.
Molecular Mass	15.7 kDa
Endotoxin	Less than 0.01 ng per g protein as determined by the LAL method
Purity	>98%, as determined by Coomassie stained SDS-PAGE.
Stability	Unopened vial can be stored between 2 centigrade and 8 centigrade for up to 2 weeks, at -20 centigrade for up to 6 months, or at -70 centigrade or below until the expiration date. Aliquots can be stored between 2 centigrade and 8 centigrade for up

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to one week and stored at -20 centigrade or colder for up to 3 months. Avoid repeated freeze/thaw cycles.

Storage

Store at -80 centigrade.

Concentration

Protein formulated and vialled at >50 ug/mL in specified buffer

Storage Buffer

10mM NaHPO₄ pH7.2, 0.15M NaCl

GENE INFORMATION

Gene Name

IL3 interleukin 3 [*Mus musculus* (house mouse)]

Official Symbol

IL3

Synonyms

IL3; interleukin 3; BPA; PSF; 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

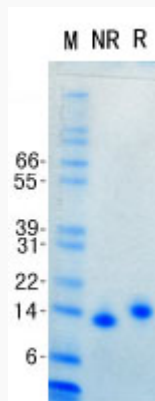
UniProt ID

P01586

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