

Active Recombinant Mouse IL3 protein, hFc-tagged, Low Endotoxin

Cat. No. IL3-674M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL3 protein(P01586)(27-166 aa), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	27-166 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Loaded Mouse IL-3, hFc Tag on ProA-Biosensor can bind Mouse IL-3 R alpha, His Tag with an affinity constant of 0.79 µM as determined in BLI assay.
Molecular Mass	The protein has a predicted MW of 42.2 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities

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for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name IL3 interleukin 3 [*Mus musculus*]

Official Symbol IL3

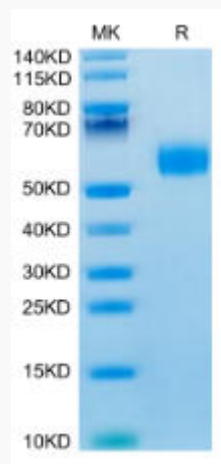
Synonyms IL3; interleukin 3; interleukin-3; mast cell growth factor; P-cell-stimulating factor; hematopoietic growth factor; multipotential colony-stimulating factor; BPA; PSF; HCGF; IL-3; MCGF; Csfmu;

Gene ID 16187

mRNA Refseq NM_010556

Protein Refseq NP_034686

Bis-Tris PAGE

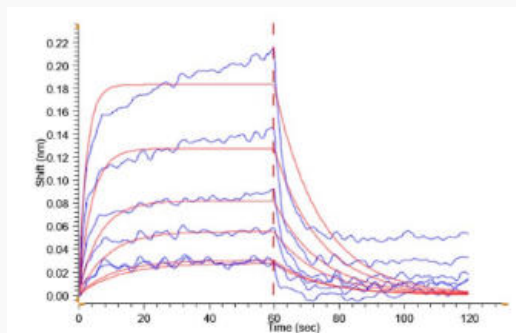


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BLI Data



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