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 μm 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 (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution	Reconstitute at 10 g/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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