

Recombinant Mouse Il3 protein, His & T7-tagged

Cat. No. Il3-640M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il3 aa. (Asp33~Cys166 (Accession # P01586)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Asp33~Cys166
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.8kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.9.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative
Reconstitution	Reconstitute in sterile ddH ₂ O.

GENE INFORMATION

Gene Name	Il3 interleukin 3 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Il3
Synonyms	BPA; PSF; HCGF; Il-3; MCGF; Csfmu; P-cell-stimulating factor; hematopoietic growth factor; mast cell growth factor; multipotential colony-stimulating factor; interleukin-3
Gene ID	16187
mRNA Refseq	NM_010556.4
Protein Refseq	NP_034686.2
UniProt ID	P01586

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