

# Mouse IL3 Recombinant Protein



RPPB0499

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## Product Information    Protein Information

**Product SKU:**

RPPB0499

**Accession:**

P01586

**Host:**

Sf9, Baculovirus cells.

**Protein description:**

IL3 Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 148 amino acids (27-166 a.a.) and having a molecular mass of 16.7kDa (Migrates at 18-28kDa on SDS-PAGE under reducing conditions).IL3 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Interleukin-3, Interleukin-3, sf9, IL3 sf9, L-3, Hematopoietic growth factor, Mast cell growth factor, MCGF, Multipotential colony-stimulating factor, P-cell-stimulating factor, IL3, Csfmu, Il-3, BPA, Csfmu, HCGF, Il-3, MCGF, PSF.

**Formulation:**

IL3 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

ASISGRDTHR LRTLNCSSI VKEIIGKLP EPELKTDDGEP SLRNKSFRRV NLSKFVESQG EVDPEDRYVI  
KSNLQKLNCC LPTSANDSAL PGVFIRD LDDFRKCLR FYMVHLNDLET VLT SRPPQPASGS VSPNRGTVEC  
LEHHHHHH.

**Biological Activity:**

The ED50 is Measured in a cell proliferation assay using TF-1 human erythroleukemic and is ≤ 0.1 ng/ml.