

# Human IL 3 Recombinant Protein



RPPB0495

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## Product Information    Protein Information

**Product SKU:**

RPPB0495

**Accession:**

P08700

**Host:**

Escherichia Coli.

**Protein description:**

Interleukin-3 Human Recombinant produced in E.Coli is single, a non-glycosylated, Polypeptide chain containing 154 amino acids fragment (20-152) and having a total molecular mass of 17.3kDa and fused with a 20 aa N-terminal His tag. The IL3 His is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

MCGF (Mast cell growth factor), Multi-CSF, HCGF, P-cell stimulation factor, IL-3, MGC79398, MGC79399.

**Formulation:**

Interleukin-3 His (1mg/ml) is supplied in 20mM Tris-HCl buffer (pH 8.0), 0.2mM PMSF and 10% glycerol.

**Purity:**

Greater than 90.0% as determined by analysis 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:**

MGSSHHHHHH SGLVPRGSH MAPMTQTSL KTSWVNCSNM IDEIITHLKQ PPLPLDFNN LNGEDQDILM  
ENNLRRPNLE AFNRAVKSLQ NASAIESILK NLLPCLPLAT AAPTRHPIHI KGDWNEFRR KLTFYKLTLE  
NAQAQQTTLS LAIF.

**Biological Activity:**

The ED50 for this effect is <0.53ng/ml. Measured in a cell proliferation assay using TF1 human erythroleukemic cells.