

# Human IL-9 Recombinant Protein



RPPB0548

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## Product Information    Protein Information

**Product SKU:**

RPPB0548

**Accession:**

P15248

**Host:**

Sf9, Baculovirus cells.

**Protein description:**

IL-9 Human produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 132 amino acids (19-144 aa) and having a molecular mass of 14.9kDa. IL-9 is fused to a 6 amino acid His tag at C-terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Interleukin 9, Protein IL9, IL9, HP40, Cytokine P40, T-cell growth factor P40

**Formulation:**

The IL-9 solution (0.5mg/ml) contains 10% Glycerol and Phosphate-Buffered Saline (pH 7.4).

**Purity:**

Greater than 85.0% 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:**

QGCPFLAGIL DINFLINKMQ EDPASKCHCS ANVTSCCLCG IPSDNCTRPC FSERLSQMTNTTMQTRYPLI  
FSRVKKSVEV LKNNKCPYFS CEQPCNQTTA GNALTFLKSL LEIFQKEKMR GMRGKIHHHH HH

**Biological Activity:**

Determined by cell proliferation assay using MO7e human megakaryocytic leukemic cells. ED50 range for this effect is  $\leq 0.3$  ng/ml.