

# Human IL 7 Recombinant Protein



RPPB0541

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## Product Information    Protein Information

**Product SKU:**

RPPB0541

**Accession:**

P13232

**Host:**

HEK.

**Protein description:**

IL-7 Human Recombinant produced in HEK cells is a glycosylated monomer, having a molecular weight range of 19-30kDa due to glycosylation. The IL-7 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Lymphopoietin 1 (LP-1), pre-B cell factor, IL-7.

**Formulation:**

The IL7 was lyophilized from 1mg/ml in 1xPBS.

**Purity:**

Greater than 95% as observed by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized IL-7 in sterile PBS containing 0.1% endotoxin-free recombinant HSA.

**Stability:**

Lyophilized IL-7 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL7 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**Biological Activity:**

The activity was determined by the dose dependent stimulation of the proliferation of murine 2E8 cells and is typically 0.3ng/ml corresponding to a specific activity of 3,333,334units/mg.