

Recombinant Human IL-15 Protein

Catalog No.: RP01236

Sequence Information

Species Gene ID

Human 3600

Swiss Prot Tags

P40933-1 C-His

Synonyms

IL15, IL-15

Product Information

Source Purification

E. coli ≥ 95 % as determined by SDS-PAGE.

Calculated MWObserved MW

13.61 kDa 15 kDa

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1–0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Basic Information

Description

Recombinant Human IL-15 Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Asn49-Ser162) of human IL-15 (Accession #NP_000576.1) fused with a 6×His tag at the C-terminus.

Activity

Measured in a cell proliferation assay using M07e human megakaryocytic leukemic cells. The ED₅₀ for this effect is 1.40–5.60 ng/mL, corresponding to a specific activity of 1.78×10⁵~7.14×10⁵ units/mg.

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

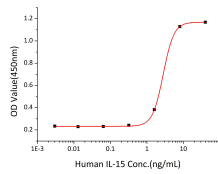
Contact

☎ | 400-999-6126

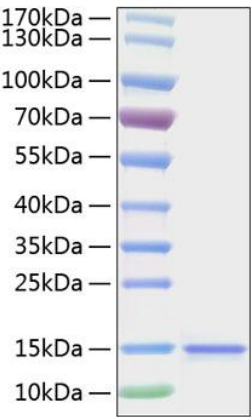
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Validation Data



Measured in a cell proliferation assay using M07e human megakaryocytic leukemic cells. The ED₅₀ for this effect is 1.40-5.60 ng/mL, corresponding to a specific activity of 1.78×10⁵~7.14×10⁵units/mg.



Recombinant Human IL-15 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.