

RP01236

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Recombinant Human IL-15 Protein

Catalog No.: RP01236 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
<I>E. coli</I>	3600	P40933-1

Tags

C-His

Synonyms

IL15;IL-15

Product Information

Source

<I>E. coli</I>

Purification

≥ 95 % as determined by SDS-PAGE.

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.

Contact



www.abclonal.com

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.

Bio-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

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

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

Storage

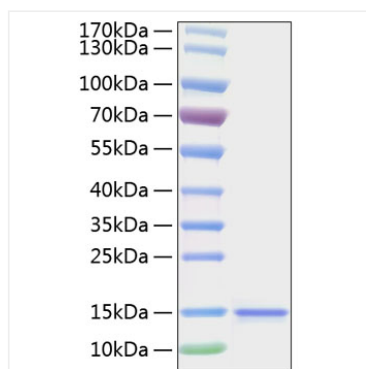
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

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

Validation Data



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