

RP00061

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Recombinant Human ISG15 Protein

Catalog No.: RP00061

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
<i>E. coli</i>	9636	P05161

Tags

No tag

Synonyms

G1P2; IFI15; IMD38; IP17; UCRP;
hUCRP;ISG15;IFI15;IMD38;IP17;UCRP;h
UCRP

Product Information

Source

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.

Purification

≥ 95 % as determined by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of 50mM HEPES, 100mM NaCl, pH 7.5. Contact us for customized product form or formulation.

Reconstitution

Background

The protein is a ubiquitin-like protein that is conjugated to intracellular target proteins upon activation by interferon-alpha and interferon-beta. Several functions have been ascribed to the encoded protein, including chemotactic activity towards neutrophils, direction of ligated target proteins to intermediate filaments, cell-to-cell signaling, and antiviral activity during viral infections. While conjugates of this protein have been found to be noncovalently attached to intermediate filaments, this protein is sometimes secreted.

Basic Information

Description

Recombinant Human ISG15 Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Gly2-Gly157) of human ISG15 (Accession #NP_005092.1).

Bio-Activity

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.

Operational Notes

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

Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

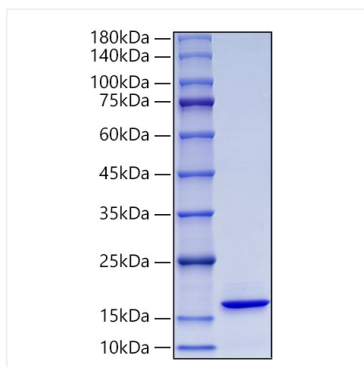
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Contact



www.abclonal.com

Validation Data



Recombinant Human ISG15 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.