Recombinant Human ISG15 Protein

Catalog No.: RP00061

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Sequence Information

Species
Human

Gene ID
9636

Swiss Prot
P05161

Tags
No tag

Synonyms
G1P2, IFI15, IMD38, IP17, UCRP, hUCRP,ISG15,IFI15,IMD38,IP17, UCRP,hUCRP

Product Information

Source
E. coli

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
17.01 kDa

Observed MW
15-20 kDa

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
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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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).

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.

Storage
Store at -20℃

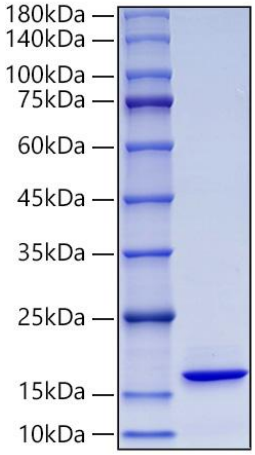
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



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