Datasheet for ABIN7520240

ISG15 Protein

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Overview

Quantity:	10 µg
Target:	ISG15
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human ISG15 Protein
Sequence:	GWDLTVKMLA GNEFQVSLSS SMSVSELKAQ ITQKIGVHAF QQRLAVHPSG VALQDRVPLA SQGLGPGSTV LLVVDKCDEP LSILVRNNKG RSSTYEVRLT QTVAHLKQQV SGLEGVQDDL FWLTFEGKPL EDQLPLGEYG LKPLSTVFMN LRLRGG
Specificity:	Gly2-Gly157
Purity:	> 97 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 1.0 EU/µg of the protein by LAL method.

Target Details

Target:	ISG15
Alternative Name:	ISG15 (ISG15 Products)
Background:	Description: 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

Target Details

	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. Name: G1P2, IFI15, IMD38, IP17, UCRP, hUCRP,ISG15,IFI15,IMD38,IP17,UCRP,hUCRP
Gene ID:	9636
UniProt:	P05161

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid votex 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.
Buffer:	Lyophilized from a 0.22 µm filtered solution of 50 mM HEPES, 100 mM NaCl, pH 7.5.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.