

Recombinant Mouse ISG15 Protein, His-GFP-tagged

Cat. No. ISG15-431M Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Mouse ISG15 Protein is produced by Bacteria expression system. This protein is fused with a His-GFP tag at the N-terminus.

Species Mouse

Source E.coli

Description Interferon – stimulated gene 15 (Isg15) is a 15 kDa Ub – like protein. It is linked to proteins in much the same way as Ub, using the E1, E2, E3 cascade. U bE1L and UbcH8 are the specific E1 and E2, respectively, to mediate protein ISGylation. Several E3s have also been found. Isg15 is induced by type I interferons (IFN α/β) and bacterial and viral infections. Studies are still being conducted to discover the biological functions of Isg15. mISG15-GFP is a fusion protein with mouse ISG15 fused at the N-terminus of GFP. It was expressed and purified from E. coli.

Form 20 mM Tris, 150 mM NaCl, 2 mM β ME, 10% Glycerol

Molecular Mass 44.9 kDa

Purity > 95 % by SDS-PAGE

Storage Store at -80 centigrade; avoid multiple freeze-thaw cycles.

GENE INFORMATION

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Gene Name	ISG15 ISG15 ubiquitin-like modifier [Homo sapiens (human)]
Official Symbol	ISG15
Synonyms	G1P2; IP17; UCRP; IFI15; hUCRP
Gene ID	9636
mRNA Refseq	NM_005101
Protein Refseq	NP_005092
MIM	147571
UniProt ID	P05161
ISG15-431M, 1	Coomassie-stained SDS-PAGE Lane 1: Molecular weight markers Lane 2: 5 g purified 6xHis-mISG15-GFP

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