

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. UbE1L 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 (IFNα/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