

Recombinant Human ISG15 protein, His-tagged

Cat. No. ISG15-3422H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ISG15 protein(1-165 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-165 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MGWDLTVKMLAGNEFQVSLSSSMSVSELKAQITQKIGVHAFQQRLAVHPSGVALQD RVPLASQGLGPGSTVLLVVDKCDEPLNILVRNKNKGRSSTYEVRLTQTVAHLKQQVS GLEGVQDDLFWLTFFEGKPLEDQLPLGEYGLKPLSTVFMNLRRLRGGGTEPGGRS
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name ISG15 ISG15 ubiquitin-like modifier [Homo sapiens]

Official Symbol ISG15

Synonyms ISG15; ISG15 ubiquitin-like modifier; G1P2, interferon, alpha inducible protein (clone IFI 15K); ubiquitin-like protein ISG15; IFI15; UCRP; ubiquitin cross-reactive protein; interferon-induced 15 kDa protein; interferon-induced 17 kDa protein; interferon-stimulated protein, 15 kDa; interferon-induced 17-kDa/15-kDa protein; interferon, alpha-inducible protein (clone IFI-15K); G1P2; IP17; hUCRP;

Gene ID 9636

mRNA Refseq NM_005101

Protein Refseq NP_005092

MIM 147571

UniProt ID P05161

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