Recombinant Human ISG15 Protein, His-tagged

Cat. No. ISG15-551H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ISG15 fused with His tag at C-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-165 aa
Description	The protein encoded by this gene 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.
Form	Supplied as a 0.2 μM filtered solution of 50mM HEPES, 100mM NaCl, pH 8.0
Molecular Mass	18.2kD
AA Sequence	MGWDLTVKMLAGNEFQVSLSSSMSVSELKAQITQKIGVHAFQQRLAVHPSGVALQD RVPLASQGLGPGSTVLLVVDKCDEPLNILVRNNKGRSSTYEVRLTQTVAHLKQQVS GLEGVQDDLFWLTFEGKPLEDQLPLGEYGLKPLSTVFMNLRLRGGLEHHHHHH
Endotoxin	Endotoxin level is <0.1 ng/μg of protein (<1EU/μg).

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Purity	>95% as determined by SDS-PAGE and Coomassie blue staining

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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