

Recombinant Human ISG15 293 Cell Lysate

Cat. No. ISG15-5152HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for ISG15 ubiquitin-like modifier (ISG15) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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
Chromosome Location	1p36.33
Pathway	Antiviral mechanism by IFN-stimulated genes, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; ISG15 antiviral mechanism, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Interferon Signaling,

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organism-specific biosystem; Interferon alpha/beta signaling, organism-specific biosystem;

Function

protein tag;

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