

Recombinant Human ISG20 293 Cell Lysate

Cat. No. ISG20-5151HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for interferon stimulated exonuclease gene 20kDa (ISG20) 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.

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

GENE INFORMATION
Gene Name

ISG20 interferon stimulated exonuclease gene 20kDa [Homo sapiens]

Official Symbol

ISG20

Synonyms

ISG20; interferon stimulated exonuclease gene 20kDa; interferon stimulated gene (20kD); interferon-stimulated gene 20 kDa protein; CD25; HEM45; estrogen-regulated transcript 45 protein; promyelocytic leukemia nuclear body-associated protein ISG20;

Gene ID

3669

mRNA Refseq

NM_002201

Protein Refseq

NP_002192

MIM

604533

UniProt ID

Q96AZ6

**Chromosome
Location**

15q26

Pathway

Cytokine Signaling in Immune system, organism-specific biosystem; Immune System, organism-specific biosystem; Interferon Signaling, organism-specific biosystem; Interferon alpha/beta signaling, organism-specific biosystem;

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Function

3-5-exoribonuclease activity; RNA binding; exonuclease activity; exoribonuclease II activity; hydrolase activity; metal ion binding; single-stranded DNA specific 3-5 exodeoxyribonuclease activity;

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