

Recombinant Human ISY1 293 Cell Lysate

Cat. No. ISY1-5142HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for ISY1 splicing factor homolog (<i>S. cerevisiae</i>) (ISY1) 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	ISY1 ISY1 splicing factor homolog (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	ISY1
Synonyms	FSAP33; pre-mRNA-splicing factor ISY1 homolog; functional spliceosome-associated protein 33
Gene ID	57461
mRNA Refseq	NM_020701
Protein Refseq	NP_065752
MIM	612764
UniProt ID	Q9ULR0
Chromosome Location	3q21.3
Pathway	Spliceosome, organism-specific biosystem; Spliceosome, 35S U5-snRNP, organism-specific biosystem; Spliceosome, 35S U5-snRNP, conserved biosystem
Function	poly(A) RNA binding; protein binding

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