

Recombinant Human LSM10 293 Cell Lysate

Cat. No. LSM10-4612HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for LSM10, U7 small nuclear RNA associated (LSM10) 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

LSM10 LSM10, U7 small nuclear RNA associated [Homo sapiens]

Official Symbol

LSM10

Synonyms

LSM10; LSM10, U7 small nuclear RNA associated; U7 snRNA-associated Sm-like protein LSM10; MGC15749; U7 snRNP-specific Sm-like protein LSM10; MST074; MSTP074;

Gene ID

84967

mRNA Refseq

NM_032881

Protein Refseq

NP_116270

UniProt ID

Q969L4

**Chromosome
Location**

1p34.3

Pathway

Cleavage of Growing Transcript in the Termination Region, organism-specific biosystem; Gene Expression, organism-specific biosystem; Processing of Capped Intronless Pre-mRNA, organism-specific biosystem; RNA Polymerase II Transcription, organism-specific biosystem; RNA Polymerase II Transcription Termination, organism-specific biosystem; SLBP Dependent Processing of Replication-Dependent Histone Pre-mRNAs, organism-specific biosystem; SLBP independent Processing of

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Histone Pre-mRNAs, organism-specific biosystem;

Function

histone pre-mRNA DCP binding; protein binding;

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