

Recombinant Human LSM11 293 Cell Lysate

Cat. No. LSM11-4611HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for LSM11, U7 small nuclear RNA associated (LSM11) 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

LSM11 LSM11, U7 small nuclear RNA associated [Homo sapiens]

Official Symbol

LSM11

Synonyms

LSM11; LSM11, U7 small nuclear RNA associated; LSM11 homolog, U7 small nuclear RNA associated (S. cerevisiae); U7 snRNA-associated Sm-like protein LSm11; FLJ38273; 2210404M20Rik; LSM11 homolog, U7 small nuclear RNA associated;

Gene ID

134353

mRNA Refseq

NM_173491

Protein Refseq

NP_775762

UniProt ID

P83369

Chromosome Location

5q33.3

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

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Histone Pre-mRNAs, organism-specific biosystem; SLBP independent Processing of
Histone Pre-mRNAs, organism-specific biosystem;

Function

RNA binding; U7 snRNA binding; protein binding;

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