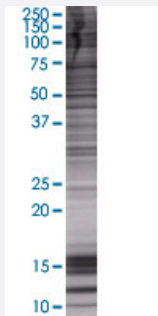


# LSM1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00027257-T01

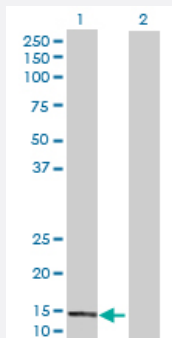
Size 100 uL

## Applications



### SDS-PAGE Gel

LSM1 transfected lysate.



### Western Blot

Lane 1: LSM1 transfected lysate ( 14.74 KDa)

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-LSM1 full-length
Host	Human
Theoretical MW (kDa)	14.74
Interspecies Antigen Sequence	Mouse (97); Rat (97)

**Quality Control Testing**

Transient overexpression cell lysate was tested with Anti-LSM1 antibody ([H00027257-B01](#)) by Western Blots.  
SDS-PAGE Gel  
LSM1 transfected lysate.  
Western Blot  
Lane 1: LSM1 transfected lysate ( 14.74 KDa)  
Lane 2: Non-transfected lysate.

**Storage Buffer**

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction**

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — LSM1

**Entrez GeneID**[27257](#)**GeneBank Accession#**[NM\\_014462.1](#)**Protein Accession#**[NP\\_055277.1](#)**Gene Name**

LSM1

**Gene Alias**

CASM, YJL124C

**Gene Description**

LSM1 homolog, U6 small nuclear RNA associated (S. cerevisiae)

**Omim ID**[607281](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Sm-like proteins were identified in a variety of organisms based on sequence homology with the Sm protein family (see SNRPD2; MIM 601061). Sm-like proteins contain the Sm sequence motif, which consists of 2 regions separated by a linker of variable length that folds as a loop. The Sm-like proteins are thought to form a stable heteromer present in tri-snRNP particles, which are important for pre-mRNA splicing.[supplied by OMIM]

**Other Designations**

Lsm1 protein

## Pathway

- [RNA degradation](#)

## Disease

- [Kidney Failure](#)
- [Tobacco Use Disorder](#)