

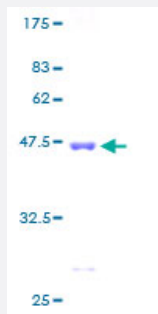
Full-Length

# LSM1 (Human) Recombinant Protein (P01)

Catalog # H00027257-P01

Size 25 ug, 10 ug

## Applications



## Specification

Product Description	Human LSM1 full-length ORF ( AAH01767, 1 a.a. - 133 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MNYMPGTASLIEDIDKKHLVLLRDGRTLIGFLRSIDQFANLVLHQTVERIHVGKKYGDIPRGIFVVRGE NVVLLGEIDLEKESDTPQQVSIEEILEEQRVEQQTKLEAEKLKVQALKDRGLSIPRADTLDEY
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	40.37
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Preparation Method	<a href="#">in vitro wheat germ expression system</a>
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — LSM1

Entrez GeneID [27257](#)

GeneBank Accession# [BC001767](#)

Protein Accession# [AAH01767](#)

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](#)