

Recombinant Full Length Human LSM1 Protein, GST-tagged

Cat. No. LSM1-6121HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LSM1 full-length ORF (AAH01767, 1 a.a. - 133 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	133 amino acids
Description	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
Molecular Mass	40.37 kDa
AA Sequence	MNYMPGTASLIEDIDKKHLVLLRDGRTLIGFLRSIDQFANLVLHQTVVERIHVGKKYGDI PRGIFVVRGENVVLLGEIDLEKESDTPLQQVSIEEILEEQRVEQQTKLEAEKLVQAL KDRGLSIPRADTLDEY
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	LSM1 LSM1 homolog, U6 small nuclear RNA associated (S. cerevisiae) [Homo sapiens]
Official Symbol	LSM1
Synonyms	LSM1; LSM1 homolog, U6 small nuclear RNA associated (S. cerevisiae); U6 snRNA-associated Sm-like protein LSm1; CASM; YJL124C; small nuclear ribonuclear CaSm; cancer-associated Sm-like protein;
Gene ID	27257
mRNA Refseq	NM_014462
Protein Refseq	NP_055277
MIM	607281
UniProt ID	O15116

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