Recombinant Full Length Human LSM2 Protein, GST-tagged

Cat. No. LSM2-5993HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LSM2 full-length ORF (AAH09192.1, 1 a.a. - 95 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	95 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	36.85 kDa
AA Sequence	MLFYSFFKSLVGKDVVVELKNDLSICGTLHSVDQYLNIKLTDISVTDPEKYPHMLSVK NCFIRGSVVRYVQLPADEVDTQLLQDAARKEALQQKQ
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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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	LSM2 LSM2 homolog, U6 small nuclear RNA and mRNA degradation associated [Homo sapiens (human)]
Official Symbol	LSM2
Synonyms	LSM2; LSM2 homolog, U6 small nuclear RNA and mRNA degradation associated; G7B; snRNP; C6orf28; YBL026W; U6 snRNA-associated Sm-like protein LSm2; LSM2 U6 small nuclear RNA and mRNA degradation associated; LSM2 homolog, U6 small nuclear RNA associated; protein G7b; small nuclear ribonuclear protein D homolog; snRNP core Sm-like protein Sm-x5
Gene ID	https://www.ncbi.nlm.nih.gov/gene/?term=57819
mRNA Refseq	NM_021177
Protein Refseq	NP_067000
MIM	607282
UniProt ID	Q9Y333

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