

Recombinant Human LSM2 Protein, His-tagged

Cat. No. LSM2-4612H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LSM2 (NP_067000, 1 a.a. - 95 a.a.) full-length recombinant protein with His tag expressed in Escherichia coli.
Species	Human
Source	E.coli
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
Form	Liquid
Molecular Mass	13.4 kDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMGSHMLFYSSFFKSLVGKDVVVELKNDLSICGTLHSV DQYLNIKLTDISVTDPEKYPHMLSVKNCFIRGSVVRYVQLPADEVDTQLLQDAARKE ALQQKQ
Purity	> 90% by SDS-PAGE
Applications	SDS-PAGE

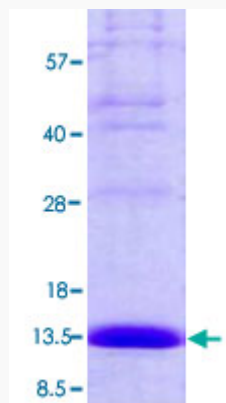
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Storage	Store at 4 centigrade for 1-2 weeks. For long term storage store at -20 centigrade or -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Concentration	0.5 mg/mL
Storage Buffer	In 20 mM Tris-HCl, 200 mM NaCl, pH 8.0 (5 mM DTT, 40% glycerol)
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

**Quality Control
Testing**



Loading 3 µg protein in 15% SDS-PAGE

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