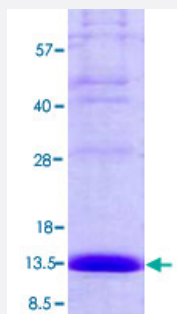


Full-Length

LSM2 (Human) Recombinant Protein

Catalog # P5391 Size 100 ug

Applications



Specification

Product Description	Human LSM2 (NP_067000, 1 a.a. - 95 a.a.) full-length recombinant protein with His tag expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMGSHMLFYSSFFKSLVGKDVVVELKNDLSICGTLHSVDQYLNKLT DISVTDPEKYPHMLSVKNCFIRGSVVRVYQLPADEVDTQLLQDAARKEALQQKQ
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	13.4
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purification	Conventional Chromatography
Concentration	0.5 mg/mL
Purity	> 90% by SDS-PAGE
Quality Control Testing	Loading 3 ug protein in 15% SDS-PAGE
Storage Buffer	In 20 mM Tris-HCl buffer, 200 mM NaCl, pH 8.0 (5 mM DTT, 40% glycerol).

Storage Instruction

Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — LSM2

Entrez GeneID	57819
Protein Accession#	NP_067000
Gene Name	LSM2
Gene Alias	C6orf28, G7b, YBL026W, snRNP
Gene Description	LSM2 homolog, U6 small nuclear RNA associated (S. cerevisiae)
Omim ID	607282
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	LSM2 homolog, U6 small nuclear RNA associated OTTHUMP00000029159 U6 snRNA-associated Sm-like protein

Pathway

- [RNA degradation](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Ovarian cancer](#)