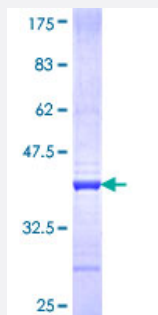


LSM2 (Human) Recombinant Protein (Q01)

Catalog # H00057819-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human LSM2 partial ORF (NP_067000, 1 a.a. - 95 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MLFYFFKSLVGKDVVVELKNDLSICGTLHSVDQYLNKLTDISVTDPEKYPHMLSVKNCFIRGSVV RYVQLPADEVDTQLLQDAARKEALQQKQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.19
Interspecies Antigen Sequence	Mouse (100); Rat (100)
Preparation Method	in vitro wheat germ expression system
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 — LSM2

Entrez GeneID	57819
GeneBank Accession#	NM_021177
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](#)