

AR50301PU-N

Human LSM2 (1-95, His-tag) - Purified

Alternate names:	C6orf28, G7B, Small nuclear ribonuclear protein D homolog, U6 snRNA-associated Sm-like protein LSM2, snRNP core Sm-like protein Sm-x5
Quantity:	0.5 mg
Concentration:	0.5mg/ml (determined by Bradford assay)
Background:	LSM2 (U6 snRNA-associated Sm-like protein LSM2) belongs to the snRNP Sm proteins family. Sm-like proteins were identified in a variety of organisms based on sequence homology with the Sm protein family. 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. LSM2 binds specifically to the 3'-terminal U-tract of U6 snRNA. It is involved in pre-mRNA splicing.
Uniprot ID:	Q9Y333
NCBI:	NP_067000
GeneID:	57819
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 5mM DTT, 40% glycerol, 200mM NaCl
Description:	Recombinant human LSM2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSMLFYFS FKSIVGKDVV VELKNDLSIC GTLHSVDQYL NIKLTDISVT DPEKYPHMLS VKNCFIRGSV VRYVQLPADE VDTQLLQDAA RKEALQQKQ Molecular weight: 13.4 kDa (119aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Lehner, Ben, et al. (2004) Genome Res. (United States) 14 (7): 1315-23. Achsel T., et al. (1999) EMBO J. 18:5789-5802

Pictures:

