

Product datasheet for **AR50301PU-N**

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

Product data:

Product Type:	Recombinant Proteins
Description:	LSM2 (1-95, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSFMLFYSF FKSLVGKDWV VELKNDLSIC GTLHSVDQYL NIKLTDISVT DPEKYPHMLS VKNCFIRGSV VRYVQLPADE VDTQLLQDAA RKEALQQKQ
Tag:	His-tag
Predicted MW:	13.4 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 5 mM DTT, 40% glycerol, 200 mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human LSM2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_067000
Locus ID:	57819
UniProt ID:	Q9Y333
Cytogenetics:	6p21.33
Synonyms:	C6orf28; G7B; snRNP; YBL026W



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Summary:

This gene encodes a member of the LSm family of RNA-binding proteins. LSm proteins form stable heteromers that bind specifically to the 3'-terminal oligo(U) tract of U6 snRNA and may play a role in pre-mRNA splicing by mediating U4/U6 snRNP formation. Pseudogenes of this gene are located on the short arm of chromosomes 6 and 19. [provided by RefSeq, Nov 2011]

Protein Pathways:

RNA degradation, Spliceosome

Product images: