

## Product datasheet for **AR09800PU-L**

### LSM4 (1-139, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	LSM4 (1-139, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MLPLSLLKTA QNH PMLVELK NGETYNGHLV SCDNWMNINL REVICTSRDG DKFWRMPECY IRGSTIKYLR IPDEIIDMVK EEV VAKGRGR GGLQQQKQKQ GRGMGGAGRG VFGGRGRGGI PGTGRGQPEK KPGRQAGKQ
Tag:	His-tag
Predicted MW:	17.5 kDa
Concentration:	lot specific
Purity:	>90%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human LSM4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001239058</u>
Locus ID:	25804
UniProt ID:	<u>U3KQK1</u>
Cytogenetics:	19p13.11
Synonyms:	GRP; YER112W


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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. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]

**Protein Families:**

Stem cell - Pluripotency

**Protein Pathways:**

RNA degradation, Spliceosome

**Product images:**
