

## Product datasheet for AR09800PU-N

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OriGene Technologies, Inc.

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

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** LSM4 (1-139, His-tag) human recombinant protein, 0.1 mg

Species: Human
Expression Host: E. coli

**Expression cDNA Clone** 

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MLPLSLLKTA QNHPMLVELK NGETYNGHLV SCDNWMNINL REVICTSRDG DKFWRMPECY IRGSTIKYLR IPDEIIDMVK EEVVAKGRGR GGLQQQKQQK

GRGMGGAGRG VFGGRGGGI 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:** NP 001239058

 Locus ID:
 25804

 UniProt ID:
 U3KQK1

 Cytogenetics:
 19p13.11

**Synonyms:** GRP; YER112W





Summary: This gene encodes a member of the LSm family of RNA-binding proteins. LSm proteins form

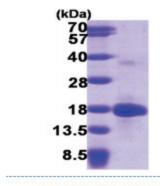
stable heteromers that bind specifically to the 3'-terminal oligo(U) tract of U6 snRNA and may play a role in pre-mRNA splicing by mediating U4/U6 snRNP formation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided

by RefSeq, Nov 2011]

**Protein Families:** Stem cell - Pluripotency

**Protein Pathways:** RNA degradation, Spliceosome

## **Product images:**



15% SDS-PAGE (3ug)