

## Product datasheet for **AR50689PU-N**

### LSM12 (1-195, His-tag) Human Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	LSM12 (1-195, His-tag) human recombinant protein, 0.1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MGSMAAPPGE YFSVGSQVSC RTCQEQLRQG EVVAFDYQSK MLALKCPSSS GKP NHADILL INLQYVSEVE IINDRTETPP PLASLNVSKL ASKARTEKEE KLSQAYAISA GVSLEGQQLF QTIHKTIKDC KWQEKNIIVM EEVITPPYQ VENCKGKEGS ALSHVRKIVE KHFRDVESQK ILQRSQAQQP QKEAALSS
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	24.1 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>90% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 7.5) containing 0.1M NaCl, 10% glycerol, 1 mM DTT
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human LSM12 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Storage:</b>	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.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_689557</a>
<b>Locus ID:</b>	124801
<b>UniProt ID:</b>	<a href="#">Q3MHD2</a>
<b>Cytogenetics:</b>	17q21.31
<b>Synonyms:</b>	PNAS-135



[View online »](#)

**Summary:**

LSM12 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.

**Product images:**