

Product datasheet for **AR51199PU-N**

LSM5 (1-91, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	LSM5 (1-91, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAANATT NPSQLLPLEL VDKCIGSRIH IVMKSDKEIV GTLLGFDDFV NMVLEDVTEF EITPEGRRIT KLDQILLNGN NITMLVPGGE GPEV
Tag:	His-tag
Predicted MW:	12.3 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl (pH 8.5) containing 10% glycerol, 0.15M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human LSM5 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_001124182
Locus ID:	23658
UniProt ID:	Q9Y4Y9
Cytogenetics:	7p14.3
Synonyms:	YER146W



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Summary:

Sm-like proteins were identified in a variety of organisms based on sequence homology with the Sm protein family (see SNRPD2; MIM 601061). 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.[supplied by OMIM, Apr 2004]

Protein Families:

Stem cell - Pluripotency

Protein Pathways:

RNA degradation, Spliceosome

Product images: