

Product datasheet for **AR50689PU-S**

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

Product data:

Product Type:	Recombinant Proteins
Description:	LSM12 (1-195, His-tag) human recombinant protein, 20 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAAPPGE YFSVGSQVSC RTCQEQLRQG EVVAFDYQSK MLALKCPSSS GKP NHADILL INLQYVSEVE IINDRTETPP PLASLNVSKL ASKARTEKEE KLSQAYAISA GVSLEGQQLF QTIHKTIKDC KWQEKNIIVM EEVITPPYQ VENCKGKEGS ALSHVRKIVE KHFRDVESQK ILQRSQAQQP QKEAALSS
Tag:	His-tag
Predicted MW:	24.1 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 7.5) containing 0.1M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human LSM12 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_689557
Locus ID:	124801
UniProt ID:	Q3MHD2
Cytogenetics:	17q21.31
Synonyms:	PNAS-135



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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: