

Product datasheet for **AR50284PU-N**

LSM3 (1-102, His-tag) Human Protein

Product data:

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|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | LSM3 (1-102, His-tag) human recombinant protein, 0.5 mg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MGSMADDVDQ QQTNTVEEP LDLIRLSLDE RIYVKMRNDR ELRGRLLHAYD QHLNMILGDV EETVTTIEID EETYEIYKS TKRNIPMLFV RGDGVVLVAP PLRVG |
| Tag: | His-tag |
| Predicted MW: | 14.3 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 8.0) containing 2 mM DTT, 20% glycerol, 100 mM NaCl |
| Preparation: | Liquid purified protein |
| Protein Description: | Recombinant human LSM3 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_055278 |
| Locus ID: | 27258 |
| UniProt ID: | P62310 |
| Cytogenetics: | 3p25.1 |
| Synonyms: | SMX4; USS2; YLR438C |



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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: