

OriGene Technologies, Inc.

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Product datasheet for TP720235

LSM1 (NM_014462) Human Recombinant Protein

Product data:

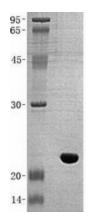
| Product Type: | Recombinant Proteins |
|---|--|
| Description: | Recombinant protein of human LSM1 homolog, U6 small nuclear RNA associated (S. cerevisiae) (LSM1) |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | Met1-Tyr133 |
| Tag: | C-His |
| Predicted MW: | 16.2 kDa |
| Concentration: | lot specific |
| Purity: | >95% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | Provided lyophilized from a 0.2 μm filtered solution of 20 mM Tris-HCl, 150 mM NaCl |
| Endotoxin: | < 0.1 EU per μ g protein as determined by LAL test |
| | |
| Reconstitution Method: | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |
| Reconstitution Method: Storage: | lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less |
| | lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 μ g/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |
| Storage: | lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Store at -80°C. Stable for at least 6 months from date of receipt under proper storage and handling |
| Storage: Stability: | lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Store at -80°C. Stable for at least 6 months from date of receipt under proper storage and handling conditions. |
| Storage: Stability: RefSeq: | lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Store at -80°C. Stable for at least 6 months from date of receipt under proper storage and handling conditions. <u>NP 055277</u> |
| Storage: Stability: RefSeq: Locus ID: | lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Store at -80°C. Stable for at least 6 months from date of receipt under proper storage and handling conditions. <u>NP 055277</u> 27257 |
| Storage: Stability: RefSeq: Locus ID: UniProt ID: | lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Store at -80°C. Stable for at least 6 months from date of receipt under proper storage and handling conditions. <u>NP 055277</u> 27257 <u>O15116, A0A0S2Z590</u> |



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| | LSM1 (NM_014462) Human Recombinant Protein – TP720235 |
|-----------------|---|
| 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. Increased expression of this gene may play a role in cellular transformation and the progression of several malignancies including lung cancer, mesothelioma and breast cancer. Alternatively spliced transcript variants have been observed for this gene, and a pseudogene of this gene is located on the short arm of chromosome 9. [provided by RefSeq, Nov 2011] |
| Protein Familie | s: Stem cell - Pluripotency |
| Protein Pathwa | ys: RNA degradation |

Product images:



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