

Product datasheet for TP720204M

LSM4 (NM_012321) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins Description: Recombinant protein of human LSM4 homolog, U6 small nuclear RNA associated (S. cerevisiae) (LSM4) Species: Human **Expression Host:** E. coli Met1-Gln139 **Expression cDNA Clone** or AA Sequence: N-His Tag: Predicted MW: 17.5 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 µg 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. Storage: Store at -80°C. Stable for at least 6 months from date of receipt under proper storage and handling Stability: conditions. NP 036453 RefSeq: Locus ID: 25804 <u>Q9Y4Z0</u> **UniProt ID:** Cytogenetics: 19p13.11 Synonyms: GRP; YER112W



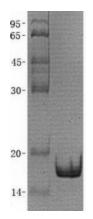
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Summary:	This gene encodes a member of the LSm family of RNA-binding proteins. LSm proteins form stable heteromers that bind specifically to the 3'-terminal oligo(U) tract of U6 snRNA and may play a role in pre-mRNA splicing by mediating U4/U6 snRNP formation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]
Protein Families	: Stem cell - Pluripotency
Protein Pathway	rs: RNA degradation, Spliceosome

Product images:



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