

Product datasheet for TP760064

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), full length, with N-terminal HIS tag, expressed in E.Coli, 50ug Species: Human **Expression Host:** E. coli **Expression cDNA Clone** A DNA sequence encoding human full-length LSM4 or AA Sequence: N-His Tag: Predicted MW: 15.4 **Concentration:** >0.05 µg/µL as determined by microplate BCA method **Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining **Buffer:** 25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. Store at -80°C. Storage: Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. **RefSeq:** NP 036453 25804 Locus ID: **UniProt ID:** Q9Y4Z0 **RefSeq Size:** 1825 Cytogenetics: 19p13.11 **RefSeq ORF:** 417 Synonyms: GRP; YER112W



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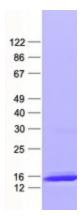
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Summary:This gene encodes a member of the LSm family of RNA-binding proteins. LSm proteins form
stable heteromers that bind specifically to the 3'-terminal oligo(U) tract of U6 snRNA and may
play a role in pre-mRNA splicing by mediating U4/U6 snRNP 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 Pathways:	RNA degradation, Spliceosome

Product images:



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