

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 (<i>S. cerevisiae</i>) (LSM4), full length, with N-terminal HIS tag, expressed in E.Coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length LSM4
Tag:	N-His
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.
Storage:	Store at -80°C.
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
Locus ID:	25804
UniProt ID:	Q9Y4Z0
RefSeq Size:	1825
Cytogenetics:	19p13.11
RefSeq ORF:	417
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 Pathways:

RNA degradation, Spliceosome

Product images: