

Product datasheet for **TP302793**

LSM3 (NM_014463) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens LSM3 homolog, U6 small nuclear RNA associated (<i>S. cerevisiae</i>) (LSM3), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202793 protein sequence Red =Cloning site Green =Tags(s)
	MADDVDQQQTTNTVEEPLDLIRLSLDERIYVKMRNDRELRGLHAYDQHLNMILGDVEETVTTIEIDEET YEEIYKSTKRNIPLFVRGDGVVLVAPPLRVG
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	11.7 kDa
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, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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_055278
Locus ID:	27258
UniProt ID:	P62310
RefSeq Size:	695



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Cytogenetics: 3p25.1

RefSeq ORF: 306

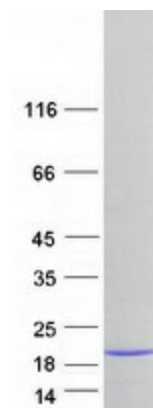
Synonyms: SMX4; USS2; YLR438C

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:



Coomassie blue staining of purified LSM3 protein (Cat# TP302793). The protein was produced from HEK293T cells transfected with LSM3 cDNA clone (Cat# [RC202793]) using MegaTran 2.0 (Cat# [TT210002]).