

## Product datasheet for **TP303266M**

### LSM5 (NM\_012322) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human LSM5 homolog, U6 small nuclear RNA associated (S. cerevisiae) (LSM5), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203266 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MAANATTNPSQLLPLELVDKCIGSRIHIVMKSDKEIVGTLGFDFFVNMVLEDVTEFEITPEGRRITKLD QILLNGNNITMLVPGGEGPEV
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	9.8 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:	<a href="#">NP_036454</a>
Locus ID:	23658
UniProt ID:	<a href="#">Q9Y4Y9</a> , <a href="#">A0A090N8Y5</a>
RefSeq Size:	2275



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Cytogenetics: 7p14.3

RefSeq ORF: 273

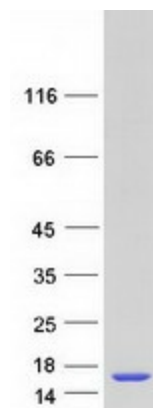
Synonyms: YER146W

**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 LSM5 protein (Cat# [TP303266]). The protein was produced from HEK293T cells transfected with LSM5 cDNA clone (Cat# [RC203266]) using MegaTran 2.0 (Cat# [TT210002]).