

## Product datasheet for **TP305835L**

### LSM7 (NM\_016199) Human Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human LSM7 homolog, U6 small nuclear RNA associated (S. cerevisiae) (LSM7), 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC205835 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MADKEKKKKESILDLSKYIDKTIRVKFQGGREASGILKGFDPDLLNLVLDGTIEYMRPDDQYKLTEDTRQ LGLVCRGTSVVLICPDGMEAI PNPFIQQDA
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	11.4 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_057283</a>
<b>Locus ID:</b>	51690
<b>UniProt ID:</b>	<a href="#">Q9UK45</a>
<b>RefSeq Size:</b>	536



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Cytogenetics: 19p13.3

RefSeq ORF: 309

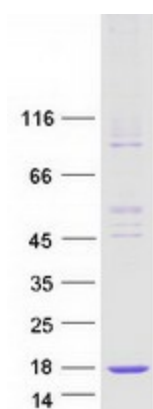
Synonyms: YNL147W

**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 LSM7 protein (Cat# [TP305835]). The protein was produced from HEK293T cells transfected with LSM7 cDNA clone (Cat# [RC205835]) using MegaTran 2.0 (Cat# [TT210002]).