

Product datasheet for **TP303562L**

LSM10 (NM_032881) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human LSM10, U7 small nuclear RNA associated (LSM10), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203562 protein sequence Red =Cloning site Green =Tags(s)
	MAVSHSVKERTISENSLIILLQGLQGRVTTVDLRDESVAHGRIDNVDAFMNIRLAKVTYTD RW GHQVKLD DLFVTGRNVRYVHIPDDVNITSTIEQQLQIIHRVRNFGGKGGQRWEFPPKNCK
	TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	13.9 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_116270
Locus ID:	84967
UniProt ID:	Q969L4
RefSeq Size:	869
Cytogenetics:	1p34.3



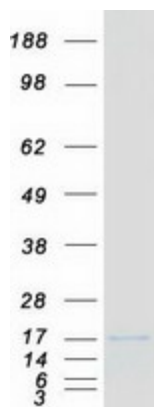
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RefSeq ORF: 369

Synonyms: MST074; MSTP074

Summary: Appears to function in the U7 snRNP complex that is involved in histone 3'-end processing. Increases U7 snRNA levels but not histone 3'-end pre-mRNA processing activity, when overexpressed. Required for cell cycle progression from G1 to S phases. Binds specifically to U7 snRNA. Binds to the downstream cleavage product (DCP) of histone pre-mRNA in a U7 snRNP dependent manner.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified LSM10 protein (Cat# [TP303562]). The protein was produced from HEK293T cells transfected with LSM10 cDNA clone (Cat# [RC203562]) using MegaTran 2.0 (Cat# [TT210002]).