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Product datasheet for TP500601

Lsm10 (NM_001163266) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse U7 snRNP-specific Sm-like protein LSM10 (Lsm10), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200601 protein sequence Red=Cloning site Green=Tags(s) MALSHSVKERTISENSLIILLQGLQGQITTVDLRDESVARGRIDNVDAFMNIRLANVTYTDRWGHQVELD DLFVTGRNVRYVHIPDGVDITATIEQQLQIIHRVRNFGGKGQGRREFPSKRP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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
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 after receiving vials.
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_001156738
Locus ID:	116748
UniProt ID:	Q8QZX5, Q3UPL7
RefSeq Size:	825
Cytogenetics:	4 D2.2
RefSeq ORF:	369

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