

Product datasheet for **TP500330**

Lsm3 (NM_026309) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse LSM3 homolog, U6 small nuclear RNA and mRNA degradation associated (Lsm3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200330 protein sequence Red =Cloning site Green =Tags(s)
	MADDVDQQQTTNTVEEPLDLIRLSLDERIYVKMRNDRELGRRLHAYDQHLNMILGDVEETVTTIEIDEET YEEIYKSTKRNIPLMLFVRGDGVVLVAPPLRVG
	TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	11.8 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
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_080585
Locus ID:	67678
UniProt ID:	P62311
RefSeq Size:	631
Cytogenetics:	6 D1



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RefSeq ORF: 309

Synonyms: 1010001J12Rik; 2610005D18Rik; 6030401D18Rik; SMX4; USS2

Summary: Plays role in pre-mRNA splicing as component of the U4/U6-U5 tri-snRNP complex that is involved in spliceosome assembly, and as component of the precatalytic spliceosome (spliceosome B complex). The heptameric LSM2-8 complex binds specifically to the 3'-terminal U-tract of U6 snRNA.[UniProtKB/Swiss-Prot Function]