

Product datasheet for **TP500229**

Lsm5 (NM_025520) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse LSM5 homolog, U6 small nuclear RNA and mRNA degradation associated (Lsm5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	A DNA sequence from Mouse cDNA ORF Clone, MR200229, encoding Mouse full-length Lsm5.
Tag:	C-MYC/DDK
Predicted MW:	10.4 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_079796
Locus ID:	66373
UniProt ID:	P62322
RefSeq Size:	516
Cytogenetics:	6 B3
RefSeq ORF:	273
Synonyms:	2010208O10Rik; 2310034K10Rik



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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]