Recombinant Mouse Lsm5 Protein, Myc/DDK-tagged

Cat. No. Lsm5-3857M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length LSM5 homolog, U6 small nuclear RNA and mRNA degradation associated (Lsm5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	10.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Lsm5 LSM5 homolog, U6 small nuclear RNA and mRNA degradation associated [Mus musculus (house mouse)]
Official Symbol	Lsm5
Synonyms	LSM5; LSM5 homolog, U6 small nuclear RNA associated (S. cerevisiae); U6 snRNA-associated Sm-like protein LSm5; 2010208O10Rik; 2310034K10Rik
Gene ID	66373
mRNA Refseq	NM_025520
Protein Refseq	NP_079796
UniProt ID	P62322

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