

Recombinant Mouse Lsm14a Protein, Myc/DDK-tagged

Cat. No. Lsm14a-3854M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length LSM14A mRNA processing body assembly factor (Lsm14a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Essential for formation of P-bodies, cytoplasmic structures that provide storage sites for translationally inactive mRNAs and protect them from degradation. Acts as a repressor of mRNA translation. May play a role in mitotic spindle assembly.
Molecular Mass	50.5 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	Lsm14a LSM14A mRNA processing body assembly factor [Mus musculus (house mouse)]
Official Symbol	Lsm14a
Synonyms	LSM14A; LSM14 homolog A (SCD6, S. cerevisiae); protein LSM14 homolog A; mRAP55A; RNA-associated protein 55A; Tral; AA407828; AU017544; 2700023B17Rik
Gene ID	67070
mRNA Refseq	NM_025948
Protein Refseq	NP_080224
UniProt ID	Q8K2F8

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