

Recombinant Mouse Lage3 Protein, Myc/DDK-tagged

Cat. No. Lage3-3747M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length L antigen family, member 3 (Lage3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Component of the EKC/KEOPS complex that is required for the formation of a threonylcarbamoyl group on adenosine at position 37 (t6A37) in tRNAs that read codons beginning with adenine. The complex is probably involved in the transfer of the threonylcarbamoyl moiety of threonylcarbamoyl-AMP (TC-AMP) to the N6 group of A37. LAGE3 functions as a dimerization module for the complex.
Molecular Mass	15.9 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	Lage3 L antigen family, member 3 [Mus musculus (house mouse)]
Official Symbol	Lage3
Synonyms	LAGE3; L antigen family, member 3; L antigen family member 3; ITBA2 protein homolog; Eso3; Itba2; 1110049G11Rik
Gene ID	66192
mRNA Refseq	NM_025410
Protein Refseq	NP_079686
UniProt ID	Q9CR70

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