Recombinant Mouse Cdkal1 Protein, Myc/DDK-tagged

Cat. No. Cdkal1-2092M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length CDK5 regulatory subunit associated protein 1-like 1 (Cdkal1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the methylthiolation of N6-threonylcarbamoyladenosine (t6A), leading to th e formation of 2-methylthio-N6-threonylcarbamoyladenosine (ms2t6A) at position 37 i n tRNAs that read codons beginning with adenine.
Molecular Mass	65.3 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.

GENE INFORMATION

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Gene Name	Cdkal1 CDK5 regulatory subunit associated protein 1-like 1 [Mus musculus (house mouse)]
Official Symbol	Cdkal1
Synonyms	CDKAL1; CDK5 regulatory subunit associated protein 1-like 1; threonylcarbamoyladenosine tRNA methylthiotransferase; tRNA-t(6)A37 methylthiotransferase; CDK5 regulatory subunit-associated protein 1-like 1; RP23-202F3.2; 1190005B03Rik; 6620401C13Rik
Gene ID	68916
mRNA Refseq	NM_144536
Protein Refseq	NP_653119
UniProt ID	Q91WE6

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