Recombinant Mouse Trnt1 Protein, Myc/DDK-tagged

Cat. No. Trnt1-6670M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length tRNA nucleotidyl transferase, CCA-adding, 1 (Trnt1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Adds and repairs the conserved 3'-CCA sequence necessary for the attachment of amino acids to the 3' terminus of tRNA molecules, using CTP and ATP as substrates.
Molecular Mass	50.3 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	Trnt1 tRNA nucleotidyl transferase, CCA-adding, 1 [Mus musculus (house mouse)]
Official Symbol	Trnt1
Synonyms	TRNT1; tRNA nucleotidyl transferase, CCA-adding, 1; CCA tRNA nucleotidyltransferase 1, mitochondrial; mt CCA-adding enzyme; mt tRNA CCA-diphosphorylase; mt tRNA adenylyltransferase; mt tRNA CCA-pyrophosphorylase; tRNA adenylyltransferase, mitochondrial; tRNA-nucleotidyltransferase 1, mitochondrial; mitochondrial tRNA nucleotidyl transferase, CCA-adding; C76540; CGI-47; mt-Trat; AA408384; 2410043H24Rik; 2610044E04Rik; 9830143O18Rik
Gene ID	70047
mRNA Refseq	NM_027296
Protein Refseq	NP_081572
UniProt ID	Q8K1J6

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