Recombinant Mouse Dimt1 Protein, Myc/DDK-tagged

Cat. No. Dimt1-2565M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length DIM1 dimethyladenosine transferase 1-like (S. cerevisiae) (Dimt1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Specifically dimethylates two adjacent adenosines in the loop of a conserved hairpin near the 3'-end of 18S rRNA in the 40S particle. Involved in the pre-rRNA processing steps leading to small-subunit rRNA production independently of its RNA-modifying catalytic activity.
Molecular Mass	35.3 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.

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GENE INFORMATION

Gene Name	Dimt1 DIM1 dimethyladenosine transferase 1-like (S. cerevisiae) [Mus musculus (house mouse)]
Official Symbol	Dimt1
Synonyms	DIMT1; DIM1 dimethyladenosine transferase 1-like (S. cerevisiae); probable dimethyladenosine transferase; 18S rRNA dimethylase; probable 18S rRNA dimethylase; DIM1 dimethyladenosine transferase 1 homolog; S-adenosylmethionine-6-N,N-adenosyl(rRNA) dimethyltransferase; 18S rRNA (adenine(1779)-N(6)/adenine(1780)-N(6))-dimethyltransferase; probable S-adenosylmethionine-6-N,N-adenosyl(rRNA) dimethyltransferase; probable 18S rRNA (adenine(1779)-N(6)/adenine(1780)-N(6))-dimethyltransferase; Dimt1l; AV111347; 1500031M22Rik
Gene ID	66254
mRNA Refseq	NM_025447
Protein Refseq	NP_079723
UniProt ID	Q9D0D4

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