Recombinant Mouse Tyw3 Protein, Myc/DDK-tagged

Cat. No. Tyw3-6761M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length tRNA-yW synthesizing protein 3 homolog (S. cerevisiae) (Tyw3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Probable S-adenosyl-L-methionine-dependent methyltransferase that acts as a comp onent of the wybutosine biosynthesis pathway. Wybutosine is a hyper modified guano sine with a tricyclic base found at the 3'-position adjacent to the anticodon of eukaryoti c phenylalanine tRNA.
Molecular Mass	28.6 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	Tyw3 tRNA-yW synthesizing protein 3 homolog (S. cerevisiae) [Mus musculus (house mouse)]
Official Symbol	Tyw3
Synonyms	TYW3; tRNA-yW synthesizing protein 3 homolog (S. cerevisiae); tRNA wybutosine-synthesizing protein 3 homolog; tRNA-yW-synthesizing protein 3; 5230400J09Rik
Gene ID	209584
mRNA Refseq	NM_172474
Protein Refseq	NP_766062
UniProt ID	Q8BSA9

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