

Recombinant Mouse Pus3 Protein, Myc/DDK-tagged

Cat. No. Pus3-5260M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length pseudouridine synthase 3 (Pus3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Formation of pseudouridine at position 39 in the anticodon stem and loop of transfer RNAs. Also acts on position 38, but much less efficiently.
Molecular Mass	55.5 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	Pus3 pseudouridine synthase 3 [Mus musculus (house mouse)]
Official Symbol	Pus3
Synonyms	Pus3; pseudouridine synthase 3; 2610020J05Rik; 5730412F04Rik; tRNA pseudouridine(38/39) synthase; tRNA pseudouridine synthase 3; tRNA pseudouridylate synthase 3; tRNA-uridine isomerase 3; EC 5.4.99.45
Gene ID	67049
mRNA Refseq	NM_023292
Protein Refseq	NP_075781
UniProt ID	Q9JI38

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