

Recombinant Mouse Pudp Protein, Myc/DDK-tagged

Cat. No. Pudp-5256M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length pseudouridine 5-phosphatase (Pudp), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Dephosphorylates pseudouridine 5'-phosphate, a potential intermediate in rRNA degradation. Pseudouridine is then excreted intact in urine.
Molecular Mass	26.2 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	Pudp pseudouridine 5'-phosphatase [Mus musculus (house mouse)]
Official Symbol	Pudp
Synonyms	Pudp; pseudouridine 5'-phosphatase; GS; GS1; Hdhd1; Hdhd1a; 1700121L12Rik; pseudouridine-5'-phosphatase; 5'-PsiMPase; haloacid dehalogenase-like hydrolase domain containing 1A; haloacid dehalogenase-like hydrolase domain-containing protein 1; haloacid dehalogenase-like hydrolase domain-containing protein 1A; pseudouridine 5-phosphatase; pseudouridine-5'-monophosphatase; EC 3.1.3.96
Gene ID	67365
mRNA Refseq	NM_026108
Protein Refseq	NP_080384
UniProt ID	Q9D5U5

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