

Recombinant Mouse Prps1 Protein, Myc/DDK-tagged

Cat. No. Prps1-5152M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length phosphoribosyl pyrophosphate synthetase 1 (Prps1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the synthesis of phosphoribosylpyrophosphate (PRPP) that is essential for nucleotide synthesis.
Molecular Mass	34.8 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	Prps1 phosphoribosyl pyrophosphate synthetase 1 [Mus musculus (house mouse)]
Official Symbol	Prps1
Synonyms	PRPS1; phosphoribosyl pyrophosphate synthetase 1; ribose-phosphate pyrophosphokinase 1; phosphoribosyl pyrophosphate synthase I; phosphoribosyl pyrophosphate synthetase I; PRS-I; C76571; C76678; Prps-1; 2310010D17Rik
Gene ID	19139
mRNA Refseq	NM_021463
Protein Refseq	NP_067438
UniProt ID	Q9D7G0

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