

Recombinant Mouse Tpk1 Protein, Myc/DDK-tagged

Cat. No. Tpk1-6597M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length thiamine pyrophosphokinase (Tpk1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the phosphorylation of thiamine to thiamine pyrophosphate. Can also catalyze the phosphorylation of pyrithiamine to pyrithiamine pyrophosphate.
Molecular Mass	27.1 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	Tpk1 thiamine pyrophosphokinase [Mus musculus (house mouse)]
Official Symbol	Tpk1
Synonyms	TPK1; thiamine pyrophosphokinase; thiamin pyrophosphokinase 1; mTPK1; thiamine pyrophosphokinase 1
Gene ID	29807
mRNA Refseq	NM_013861
Protein Refseq	NP_038889
UniProt ID	Q9R0M5

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