

Recombinant Human TPK1, GST-tagged

Cat. No. TPK1-3369H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TPK1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	11-243aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	TPK1 thiamin pyrophosphokinase 1 [Homo sapiens]
Official Symbol	TPK1
Synonyms	TPK1; thiamin pyrophosphokinase 1; HTPK1; placental protein 20; PP20; thiamine diphosphokinase; thiamine kinase; thiamine pyrophosphokinase 1; THMD5;
Gene ID	27010

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mRNA Refseq	NM_001042482
Protein Refseq	NP_001035947
MIM	606370
UniProt ID	Q9H3S4
Chromosome Location	7q34-q35
Pathway	Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of vitamins and cofactors, organism-specific biosystem; Metabolism of water-soluble vitamins and cofactors, organism-specific biosystem; Thiamine metaboli
Function	ATP binding; kinase activity; nucleotide binding; thiamine diphosphokinase activity; thiamine diphosphokinase activity; transferase activity;

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