

Recombinant Human TK1, His-tagged

Cat. No. TK1-3247H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TK1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-234aa
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 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	TK1 thymidine kinase 1, soluble [Homo sapiens]
Official Symbol	TK1
Synonyms	TK1; thymidine kinase 1, soluble; thymidine kinase, cytosolic; thymidine kinase-1; thymidine kinase 1 soluble isoform; TK2;
Gene ID	7083

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mRNA Refseq	NM_003258
Protein Refseq	NP_003249
MIM	188300
UniProt ID	P04183
Chromosome Location	17q23.2-q25.3
Pathway	Drug metabolism - other enzymes, organism-specific biosystem; Drug metabolism - other enzymes, conserved biosystem; E2F transcription factor network, organism-specific biosystem; Fluoropyrimidine Activity, organism-specific biosystem; Metabolic pathways,
Function	ATP binding; kinase activity; metal ion binding; nucleoside kinase activity; nucleotide binding; thymidine kinase activity; transferase activity; zinc ion binding;

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