Recombinant Human TTK Protein Kinase, GST-His

Cat. No. TTK-748H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TTK, full length, amino acids M1-K857, N-terminal GST-HIS6 fusion protein with a Thrombin cleavage site, was expressed in*Sf9*insect cells. MW = 126,968 Da.
Species	Human
Source	Sf9 Cells
ProteinLength	1-857 a.a.
Description	Dual specificity protein kinase TTK is an enzyme that in humans is encoded by the TTK gene.
Purification	GST-Affinity Chromatography.
Product Identity	TTK was confirmed as TTK by mass spectroscopy LC-ESI-MS/MS (Protagen AG, Germany)
Storage Buffer	50 mM HEPES pH 7.5, 100 mM NaCl, 5 mM DTT, 4 mM reduced glutathione, 20% glycerol.
Concentration	0.064 μg/μl (Bradford method using BSA [Sigma, cat# A-7638, Lot 79H7641] as standard protein).
Specific Activity	4 pmol/μg×min.

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Storage	-80°C. Avoid repeated freeze-thaw cycles!
Full Length	Full L.

GENE INFORMATION

Gene Name	TTK TTK protein kinase [Homo sapiens]
Synonyms	TTK; TTK protein kinase; ESK; PYT; CT96; MPS1; MPS1L1; FLJ38280; cancer/testis antigen 96; EC 2.7.12.1; Phosphotyrosine picked threonine-protein kinase; phosphotyrosine picked threonine kinase (PYT)
Gene ID	7272
mRNA Refseq	NM_001166691
Protein Refseq	NP_001160163
MIM	604092
UniProt ID	P33981
Chromosome Location	6q13-q21
Pathway	Cell cycle
Function	ATP binding; nucleotide binding; protein binding; protein serine/threonine kinase activity; protein tyrosine kinase activity; transferase activity

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