

## Product datasheet for **TP301228**

### DTYMK (NM\_012145) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human deoxythymidylate kinase (thymidylate kinase) (DTYMK), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201228 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAARRGALIVLEGVDRAGKSTQSRKLVEALCAAGHRAELLRFPERSTEIGKLLSSYLQKKSDEVEDHSVHL  
LFSANRWEQVPLIKEKLSQGVTLWVDYAFSGVAFTGAKENFSLDWCKQPDVGLPKPDLVFLQLQLADA  
AKRGAFGHERYENGAFQERALRCFHQLMKDITLWKMVDASKSIEAVHEDIRVLSAIRTATEKPLGEL  
WK

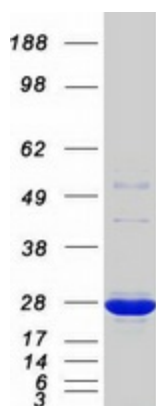
**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	23.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_036277</a>
Locus ID:	1841
UniProt ID:	<a href="#">P23919</a> , <a href="#">Q6FGU2</a>



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RefSeq Size:	1227
Cytogenetics:	2q37.3
RefSeq ORF:	636
Synonyms:	CDC8; PP3731; TMPK; TYMK
Summary:	Catalyzes the conversion of dTMP to dTDP.[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome
Protein Pathways:	Metabolic pathways, Pyrimidine metabolism

**Product images:**

Coomassie blue staining of purified DTYMK protein (Cat# TP301228). The protein was produced from HEK293T cells transfected with DTYMK cDNA clone (Cat# [RC201228]) using MegaTran 2.0 (Cat# [TT210002]).