

Product datasheet for **TP301228L**

DTYMK (NM_012145) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human deoxythymidylate kinase (thymidylate kinase) (DTYMK), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201228 protein sequence Red =Cloning site Green =Tags(s)

MAARRGALIVLEGVDRAGKSTQSRKLVLEALCAAGHRAELLRFPERSTEIGKLLSSYLQKKSDVEDHSVHL
LFSANRWEQVPLIKEKLSQGVTLVWDYAFSGVAFTGAKENFSLDWCKQPDVGLPKPDLVFLQLQLADA
AKRGAFGHERYENGAFQERALRCFHQLMKDITLWKMVDASKSIEAVHEDIRVLSAIRTATEKPLGEL
WK

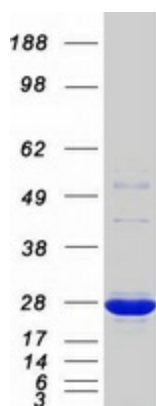
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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:	NP_036277
Locus ID:	1841
UniProt ID:	P23919 , Q6FGU2



[View online »](#)

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]).