

Product datasheet for PH301228

DTYMK (NM_012145) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DTYMK MS Standard C13 and N15-labeled recombinant protein (NP_036277)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201228
Predicted MW:	23.8 kDa
Protein Sequence:	>RC201228 protein sequence Red=Cloning site Green=Tags(s) MAARRGALIVLEGVDRAGKSTQSRKLV EALCAAGHRAELLRFPERSTEIGKLLSSYLQKKS DVEDHSVHL LFSANRWEQVPLIKEKLSQGVTLVVD RYAFSGVAFTGAKENFSLDWCKQPDVGLPKPDLV LFLQLQLADA AKRGAFGHERYENGAFQERALRCFH QLMKDTTLNWKMV DASKSIEAVHEDIRVLS EDAIRTATEKPLGEL WK TRTRPLEQKLI SEEDLAANDILDYK DDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_036277
RefSeq Size:	1227
RefSeq ORF:	636
Synonyms:	CDC8; PP3731; TMPK; TYMK
Locus ID:	1841
UniProt ID:	P23919_Q6FGU2



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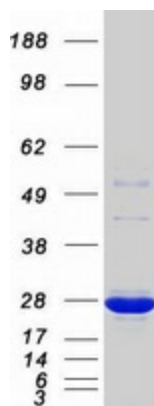
Cytogenetics: 2q37.3

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]).