

Recombinant Human DTYMK Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DTYMK-725H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DTYMK MS Standard C13 and N15-labeled recombinant protein (NP_036277) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Catalyzes the conversion of dTMP to dTDP.
Molecular Mass	23.8 kDa
AA Sequence	MAARRGALIVLEGVDRAGKSTQSRKLVEALCAAGHRAELLRFPERSTEIGKLLSSYL QKKSDVEDHSVHLLFSANRWEQVPLIKEKLSQGVTLVVDYAFSGVAFTGAKENFS LDWCKQPDVGLPKPDLVFLQLQLADAAKRGAFGHYENGAFQERALRCFHQLM KDTTLNWKMVDASKSIEAVHEDIRVLSAIRTATEKPLGELWKTRTRPLEQKLISEE DLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

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Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name DTYMK deoxythymidylate kinase [Homo sapiens (human)]

Official Symbol DTYMK

Synonyms DTYMK; deoxythymidylate kinase (thymidylate kinase); thymidylate kinase; CDC8; dTMP kinase; thymidylate (dTMP) kinase; TMPK; TYMK; PP3731; FLJ44192; MGC198617;

Gene ID 1841

mRNA Refseq NM_012145

Protein Refseq NP_036277

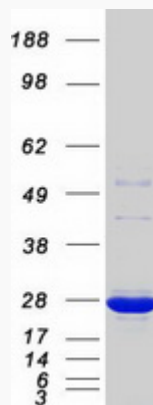
MIM 188345

UniProt ID P23919

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SDS-PAGE

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