

Recombinant Full Length Human DTYMK Protein, GST-tagged

Cat. No. DTYMK-4072HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DTYMK full-length ORF (NP_036277.2, 1 a.a. - 212 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	212 amino acids
Description	DTYMK (Deoxythymidylate Kinase) is a Protein Coding gene. Among its related pathways are superpathway of pyrimidine deoxyribonucleotides de novo biosynthesis and Purine metabolism (KEGG). GO annotations related to this gene include kinase activity and thymidylate kinase activity.
Molecular Mass	50.2 kDa
AA Sequence	MAARRGALIVLEGVDRAGKSTQSRKLVEALCAAGHRAELLRFPERSTEIGKLLSSYL QKKSDVEDHSVHLLFSANRWEQVPLIKEKLSQGVTLVVDRIYAFSGVAFTGAKENFS LDWCKQPDVGLPKPDLVFLQLQLADAAKRGAFGHERYENGAFQERALRCFHQLM KDTTLNWKMVDASKSIEAVHEDIRVLSEDAIRTATEKPLGELWK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	DTYMK deoxythymidylate kinase (thymidylate kinase) [Homo sapiens]
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_001165031
Protein Refseq	NP_001158503
MIM	188345
UniProt ID	P23919

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