

## Product datasheet for **AR39054PU-L**

### Thymidylate kinase (1-212, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Thymidylate kinase (1-212, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MAARRGALIV LEGVDRAGKS TQSRKLVEAL CAAGHRAELL RFPERSTEIG KLLSSYLQKK SDVEDHSVHL LFSANRWEQV PLIKEKLSQG VTLWVDYAF SGVAFTGAKE NFSLDWCKQP DVGLPKPDLV LFLQLQLADA AKRGAFGHER YENGAFAQERA LRCFHQLMKD TTLNWKMVDA SKSIEAVHED IRVLSDAIR TATEKPLGEL WK
Tag:	His-tag
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 2 mM DTT, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human DTYMK protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001158503</u>
Locus ID:	1841
UniProt ID:	<u>P23919, Q53F55</u>
Cytogenetics:	2q37.3
Synonyms:	CDC8; PP3731; TMPK; TYMK
Summary:	Catalyzes the conversion of dTMP to dTDP.[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome



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Protein Pathways: Metabolic pathways, Pyrimidine metabolism

## Product images:

