

Recombinant Human DTYMK protein ab109838

[2 References](#) [1 图像](#)

描述

产品名称	重组人DTYMK蛋白
纯度	> 95 % SDS-PAGE. No detergents such as urea, Triton or Tween have been used to purify the protein. Purified by using anion exchange chromatography (DEAE sepharose resin) and gel filtration chromatography (Sephacryl S 200) with 20mM Tris pH 7.5, 2mM EDTA.
表达系统	Escherichia coli
Accession	<u>P23919</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHH SSGLVPRGSH MAARRGALIV LEGVDRAGKS TQSRKLVEAL CAAGHRAELL RFPERSTEIG KLLSSYLQKK SDVEDHSVHL LFSANRWEQV PLIKEKLSQG VTLVVDRYAF SGVAFTGAKE NFSLDWCKQP DVGLPKPDLV LFLQLQLADA AKRGAFGHER YENGAQERA LRCFHQLMKD TTLNWKMVDA SKSIEAVHED IRVLSDAIR TATEKPLGEL WK
预测分子量	24 kDa
氨基酸	1 to 212
标签	His tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab109838** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE Mass Spectrometry
质谱法	MALDI-TOF
形式	Liquid

补充说明

Via its role in the catalytic creation of dTDP, DTYMK plays an important role in the pathway of DNA synthesis and is thought to be involved in cell cycle progression and cell growth.

制备和贮存

稳定性和存储

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.04% DTT, 0.32% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

常规信息

功能

Catalyzes the conversion of dTMP to dTDP.

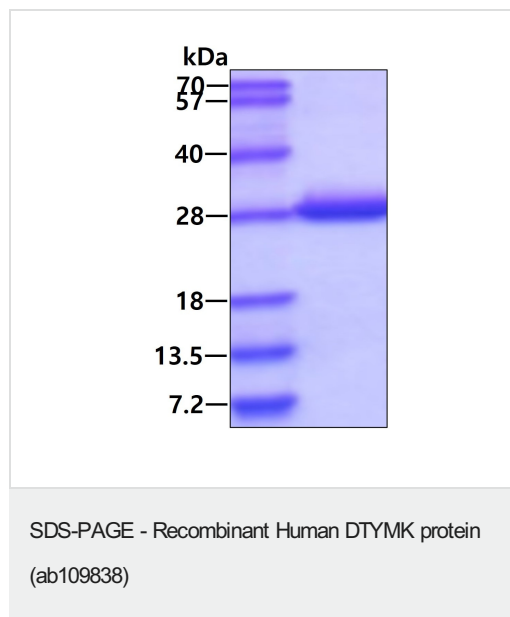
通路

Pyrimidine metabolism; dTTP biosynthesis.

序列相似性

Belongs to the thymidylate kinase family.

图片



SDS-PAGE analysis of Recombinant Human DTYMK protein (ab109838), under reducing conditions. Proteins visualized by coomassie blue stain.

Lane 1: Molecular Weight Standards

Lane 2: 3 µg Recombinant Human DTYMK protein

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