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PCYT2, 1-389aa, Human, His tag E.coli

产品货号: TP03313

第三版

别名: Ethanolamine-phosphate cytidyltransferase isoform 2, ET.

描述: PCYT2 is an enzyme that catalyzes the formation of CDP-ethanolamine from CTP and phosphoethanolamine in the Kennedy pathway of phospholipid synthesis. Alternative splicing results in multiple transcript variants. Recombinant human PCYT2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl, 1mM DTT, 0.1mM PMSF

分子量: 45.9 kDa (409aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMIRNGRGAAGGAEQPGGRRRAVRVWCDGCMVHYGHSNQLRQARAMGDYLIV
GVHTDEEIAKHKGPVFTQEERYKMQAIKWVDEVVPAAPYVTTLETLDKYNCFVHGNDITLTVDGRDTYEYEVKQA
GRYRECKRTQGVSTTDLVGRMLLVTKAHSSQEMSSSEYREYADSFQKCPGGRNPWTGVSQFLQTSQKIIQFASGKEPQPG
ETVIYVAGAFDLFHIGHVDFLEKVVHRLAERPYYIAGLHFDQEVNHYKGNYPIMNLHERTSLVACRYVSEVVIGAPYAVT
AELLSHFKVDLVCHGKTEIIPDRDGS DPYQEPKRRGIFRQIDSGSNLTTDLIVQRIITNRLEYEARNQKKEAKELAFLEAARQ
QAAQPLGERDGDF

纯度: > 95% by HPLC

浓度: 0.25 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.