

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

CS, 28-466aa, Human, His tag, E.coli

产品货号: TP01734

第三版

别名:Citrate synthase, mitochondrial precursor, CS - mitochondrial

描述:Citrate synthase (CS) is a Krebs tricarboxylic acid cycle enzyme that catalyzes the synthesis of citrate from oxaloacetate and acetyl coenzyme A. It is found in nearly all cells capable of oxidative metabolism. This protein is nuclear encoded and transported into the mitochondrial matrix, where the mature form is found. Recombinant human CS protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

分子量:51.4kDa (462aa)

序列:

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MGSSHHHHHHSSGLVPRGSHMGSASSTNLKDILADLIPKEQARIKTRQQHGKTVVGQITVDMMYGGMRGMKGLVYE  
TSVLDPDEGIRFRGFSIPECQKLLPKAKGGEEPLPEGLFWLLVTGHIPTEEQVSWLSKEWAKRAALPSHVVTMLDNFPTNL  
HPMSQLSAAVTALNSESNFARAYAQQGISRTKYWELIYEDSMDLIAKLPCVAAKIYRNLYREGSGIGAIIDSNLDWSHNFTNM  
LGYTDHQFTELRLYLTIHSDHEGGNVAHTSHLVGSALSDPYLSFAAAMNGLAGPLHGLANQEVLVWLTQLQKEVGKD  
VSDEKLRDIWNTLNSGRVVPGYGHAVLRKTDPRYTCQREFALKHLPNDPMPFKLVAQLYKIVPNVLEQKGKAKNPWPN  
VDAHSGVLLQYYGMTEMNYTTLVFGVSRALGVLAQLIWSRALGFPLERPKSMSTEGLMKFVDSKSG
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纯度:> 95% by HPLC

浓度:1 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.