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MECR, 54-373aa, Human, His tag, E.coli

产品货号: TP02938

第三版

别名: Trans-2-enoyl-CoA reductase, mitochondrial, NRBF1, CGI-63, FASN2B

描述: MECR (Mitochondrial trans-2-enoyl-CoA reductase), also known as NRBF1, catalyzes the reduction of trans-2-enoyl-CoA to acyl-CoA with chain length from C6 to C16 in an NADPH dependent manner with preference to medium chain length substrate. This protein has a role in the mitochondrial synthesis of fatty acids. Recombinant human MECR protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl, 5mM DTT, 20% glycerol

分子量: 36.9 kDa (341aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMPAKVVELKNLELAAVRGSDVRVKMLAAPINPSDINMIQGNYGLLPELPAVGGNEGVA
QVVAVGSNVTGLKPGDWVIPANAGLGTWRTEAVFSEEALIQVPSDIPLQSAATLGVNPCTAYRMLMDFEQLQPGDSVIQ
NASNSGVGQAVIQIAAALGLRTINVVRDRPDIQKLSDRKSLGAEHVITEEELRRPEMKNFFKDMPQPRALNCVGGKSST
ELLRQLARGGTMVTYGGMAKQPVVASVLLIFKDLKLRGFWLSQWKKDHSPDQFKELILTLCDLIRRGQLTAPACSQVPL
QDYQSALEASMKPFISSKQILTM

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.