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DEC R1, 35-335aa, Human, His tag, E.coli

产品货号: TP01857

第三版

别名: 2,4-dienoyl-CoA reductase, mitochondrial, DEC R, NADPH, SDR18C1.

描述: DEC R1 is a mitochondrial protein that exists as a homotetramer and belongs to the family of shortchain dehydrogenases/reductases. It functions as an auxiliary enzyme of beta-oxidation and participates in the metabolism of unsaturated fatty enoyl-CoA esters.

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

分子量: 34.4 kDa (322aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMNTEALQSKFFSPLQKAMLPNSFQGKVAFITGGGTGLGKGMTLLSSLGAQCVIASRK
MDVLKATAEQISSQTGNKVHAIQCDVRDPDMVQNTVSELIKVAGHPNIVINNAAGNFISPTERLSPNAWKTITDIVLNGT
AFVTLEIGKQLIKAQKGAFLSITTIYAETGSGFVVPASAKAGVEAMSKSLAAEWGKYGMRFNVIQPGPIKTKGAFSRLDP
TGTFEKEMIGRIPCGRLGTVEELANLAAFLCSDYASWINGAVIKFDGGEEVLISGEFNDLRKVTKEQWDTIEELIRKTKGS

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.