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CBR4, 1-237aa, Human, His tag, E.coli

产品货号: TP01439

第三版

别名: Carbonyl reductase family member 4

描述: CBR4 belongs to the short-chain dehydrogenase/reductase family. The formation of heterotetramer with HSD17B8 has NADH-dependent 3-ketoacyl-acyl carrier protein reductase activity for o- and p-quinones. It plays a role in biosynthesis of fatty acids in mitochondria and has broad substrate specificity and reduces 9,10-phenanthrenequinone, 1,4-benzoquinone and various other o-quinones and p-quinones (in vitro).

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 5mM DTT, 200mM NaCl

分子量: 27.5kDa (257aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMDKVCVFGGSRGIGRAVAQLMARKGYRLAVIARNLEGAKAAAGDLGGDHLAFSCDV
AKEHDVQNTFEEMEKHLGRVNFVNAAAGINRDGLLVRTKTEDMVSQ LHTNLLGSMLTCKAAMRTMIQQGGGSIVNVG
SIVGLKGNSSGQSVYSASKGGLVGFSRALAKEVARKKIRVNVVAPGFVHTDMTKDLKEEHLKKNIPGRFGETIEVAHAVV
FLLESPYITGHVLVVDGGLQLIL

纯度: > 95% by HPLC

浓度: 0.5mg/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.