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CYB5R1, 29-305aa, Human His tag, E.coli

产品货号: TP01804

第三版

别名: Cytochrome b5 reductase 1, B5R.1, B5R1, B5R2, hmb5R2, NQO3A2

描述: Cytochrome b5 reductase 1, also known as CYB5R1, belongs to the flavoprotein pyridine nucleotide cytochrome reductase family. This protein is involved in desaturation and elongation of fatty acids, cholesterol biosynthesis, drug metabolism, and, in erythrocyte, methemoglobin reduction. Recombinant human CYB5R1 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: 33.8 kDa (300aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSLVRRSRPQVTLDPNEKYLLRLLDKTTVSHNTRFRFALPTAHHTLGLPVGKHIYL
STRIDGSLVIRPYTPVTSDEDQGYVDLVIKVVYKGVHPKFPEGGKMSQYLDLKVGDVVEFRGPSGLLTYTGKGFHNIQPN
KKSPPEPRVAKKLGMIAGGTGITPMLQLIRAILKVPEDPTQCFLFANQTEKDIILREDLEELQARYPNRFKLWFTLDHPPKD
WAYSKGFVTADMIREHLPAPGDDVLVLLCGPPPMVQLACHPNLDKLGYSQKMRFTY

纯度: > 95% by HPLC

浓度: 0.5 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.