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CYB5R3, 27-301 aa, Human, His tag, E.coli

产品货号: TP01806

第三版

别名: Cytochrome b5 reductase 3, B5R, DIA1.

描述: CYB5R3 is a cytochrome b5 reductase, which includes a membrane-bound form in somatic cells (anchored in the endoplasmic reticulum, mitochondrial and other membranes) and a soluble form in erythrocytes. The membrane-bound form exists mainly on the cytoplasmic side of the endoplasmic reticulum and functions in desaturation and elongation of fatty acids, in cholesterol biosynthesis, and in drug metabolism.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1mM DTT, 0.1M NaCl.

分子量: 34 kDa (300aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSHMFQRSTPAITLESPIKYPLRLIDREIISHDTRRFRFALPSPQHILGLPVGQHIYLSARI
DGNLVVRPYTPISSDDDKGFVDLVIKVFYKDTHPKFPAGGKMSQYLESMQIGDTIEFRGPSGLLVYQGKGFKAIRPKKSN
PIIRTVKSVGMIAGGTGITPMLQVIRAIMKDPDDHTVCHLLFANQTEKDILLRPELEELRNKHSARFKLWYTLDRAPAWD
YGQGFVNEEMIRDHLPPPEEPLVLMCGPPPMIQYACLPNLDHVGHPTECFVF

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford)

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.