

CYB5A, 1-108aa, Human, His tag, E.coli

Cat.NO.: TP01803

3th Edition

Synonyms:Cytochrome b5, CYB5, MCB5.

Description:CYB5A, also known as cytochrome b5 isoform 1, belongs to the cytochrome b5 family. Cytochrome b5 is a membrane bound hemoprotein which function as an electron carrier for several membrane bound oxygenases. Recombinant human CYB5A protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

Molecular Weight:14.9 kDa (132aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMAEQSDEAVKYYTLEEIQKHNHNSKSTWLILHHKVYDLTKFLEEHPGGEEVL
REQAGGDATENFEDVGHSTDAREMSKTFIIGELHPDDRPKLNKPPETLITTIDSSSS

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.