

Recombinant Human Cytochrome b5/CYB5A Protein(N-6His)

Cat.NO.: TP05865

3th Edition

Synonyms:Cytochrome b5; Microsomal Cytochrome b5 Type A; MCB5; CYB5A; CYB5

Description:Cytochrome b5 (CYB5A) is a membrane bound hemoprotein which function as an electron carrier for several membrane bound oxygenases. CYB5A contains one cytochrome b5 heme-binding domain and has two isoforms produced by alternative splicing. Isoform 1 is a single-pass membrane protein. Isoform 2 is located in cytoplasm. The defects in CYB5A can result in type IV hereditary methemoglobinemia.

Form:PBS

Molecular Weight:17.5 kDa

Sequences:Met 1-Asp134

Purity:> 95% by HPLC

Concentration:

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.