

**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.