

32-8512: Recombinant Human Cytochrome b5 B/CYB5B (C-6His)

Gene : CYB5B
Gene ID : 80777
Uniprot ID : O43169

Description

Source: Human Cells.
MW :14kD.

Recombinant Human Cytochrome b5 B is produced by our Mammalian expression system and the target gene encoding Lys12-Cys118 is expressed with a 6His tag at the C-terminus. Cytochrome b5 type B (CYB5B) is a membrane of the cytochrome b5 family. It contains 1 cytochrome b5 heme-binding domain. Cytochrome b5 is a membrane bound hemoprotein which function as an electron carrier for several membrane bound oxygenases. In the mitochondrion of eukaryotes and in aerobic prokaryotes, cytochrome b is a component of respiratory chain complex III also known as the bc1 complex or ubiquinol-cytochrome c reductase.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : KGQEVETSVTYRLEEVAKRNSLKEWLVIHGRVYDVTRFLNEHPGGEEVLLAQAGVDASESFEDVGHSSDAR
EMLKQYYIGDIHPSDLKPESGSKDPSKNDTCKSCVDHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.