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32-7195: Recombinant Human Cytochrome b5/CYB5A (N-6His)(Discontinued)

Gene : CYB5A
Gene ID : 1528
Uniprot ID : P00167

Description

Source: E.coli.
MW :17.5kD.
Recombinant Human Cytochrome b5A is produced by our E.coli expression system and the target gene encoding Met1-Asp134 is expressed with a 6His tag at the N-terminus. 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 sngle-pass membrane protein. Isoform 2 is located in cytoplasm. The defects in CYB5A can result in type IV hereditary methemoglobinemia.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, 0.1mM EDTA, pH 7.25.
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 :	MGSSHHHHHHSSGLVPRGSHMAEQSDEAVKYYTLEEIQKHNHSKSTWLILHHKVYDLTKFLEEHPGGEEVLRE QAGGDATENFEDVGHSTDAREMSKTFIIGELHPDDRPKLNKPPETLITTIDSSSSWWTNWVIPAISAVAVALMY RLYMAED

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ÃÂµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.