9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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CYB5A Human, Sf9

Cytochrome B5 Type A, Sf9 Human Recombinant
RCP0597

Product Overview

Name	CYB5A Human, Sf9
Description	
Cytochrome B5 Type A, Sf9 Human Recombinant	
Accession (Primary)	P00167
Synonyms	
Cytochrome b5 isoform 1, CYB5A, CYB5, MCB5, Microsomal cytochrome b5 type A.	
Introduction	
Cytochrome b5 isoform 1 or CYB5A, is part of the cytochrome b5 family which is bound to the cell membrane. CYB5A has a key role in the stearyl-CoA-desaturase activity as it reduces ferric hemoglobin to ferrous hemoglobin. Cytochrome b5 isoform 1 performs as an electron carrier for numerous oxygenases that are imbedded in the cell membrane.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
CYB5A protein solution (1mg/ml) contains phosphate buffered saline (pH7.4) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
ADP MAEQSDE AVKYYTLEEI QKHNHSKSTW LILHHKVYDL TKFLEEHPGG EEVLREQAGG DATENFEDVG HSTDAREMSK TFIIGELHPDDRPKLNKPPE TLITTIDSSS S HHHHHH .	
Precautions	
CYB5A Human, Sf9 is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P00167)