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Datasheet for ABIN5855168 **CYB5A Protein (AA 1-108) (His tag)**

Overview

Quantity:	50 µg
Target:	CYB5A
Protein Characteristics:	AA 1-108
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CYB5A protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPMAEQSDE AVKYYTLEEI QKHNHNSKSTW LILHHKVYDL TKFLEEHPGG EEVLREQAGG DATENFEDVG HSTDAREMSK TFIIGELHPD DRPKLNKPPE TLITTIDSSS SHHHHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1ug of protein (determined by LAL method)

Target Details

Target:	CYB5A
Alternative Name:	CYB5A (CYB5A Products)
Background:	CYB5A, also known as cytochrome b5 isoform 1, is a member of membrane-bound cytochrome b5 family. It reduces ferric hemoglobin to ferrous hemoglobin, which is required for stearyl-CoA-desaturase activity. This protein acts as an electron carrier for several membrane bound

Target Details

	oxygenases. Recombinant human CYB5A protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	13.3kDa (117aa) 18-28KDa (SDS-PAGE under reducing conditions.)
NCBI Accession:	NP_683725
UniProt:	P00167

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.