

Datasheet for ABIN1608037

CYB5R3 Protein (AA 1-301, full length) (GST tag)[Go to Product page](#)**1** Image

Overview

Quantity:	1 mg
Target:	CYB5R3
Protein Characteristics:	AA 1-301, full length
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CYB5R3 protein is labelled with GST tag.
Application:	ELISA

Product Details

Sequence:	MGAQLSTLGH MVLFPVWFLY SLLMKLFQRS TPAITLES PD IKYPLRLIDR EIISHDTRRF RFALPSPQHI LGLPVGQHIY LSARIDGNLV VRPYTPISSD DDKGFVDLVI KVFYKDTHPK FPAGGKMSQY LESMQIGDTI EFRGPSGLLV YQGKGKFAIR PDKKSNPIIR TVKSVGMIAG GTGITPMLQV IRAIMKDPDD HTVCHLLFAN QTEKDILLRP ELEELRNKHS ARFKLWYTLD RAPEAWDYGQ GFVNEEMIRD HLPPPEEEPL VLMCGPPPMI QYACLPNLDH VGHPTERCFV F
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	95 %

Target Details

Target:	CYB5R3
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Target Details

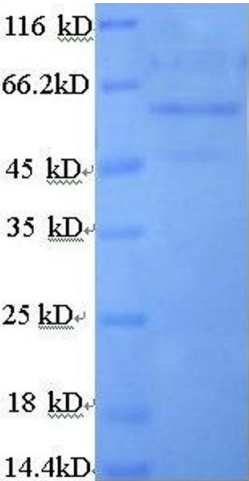
Alternative Name:	NADH-cytochrome b5 reductase 3 protein (CYB5R3 Products)
Background:	Desaturation and elongation of fatty acids, cholesterol biosynthesis, drug metabolism, and, in erythrocyte, methemoglobin reduction.
Molecular Weight:	61.6 kD
UniProt:	P00387
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C for extended storage, conserve at -20 °C or -80 °C



SDS-PAGE

Image 1. Cytochrome B5 Reductase 3 (CYB5R3) (AA 1-301), (full length) protein (GST tag)