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Datasheet for ABIN1474041

CYB5R3 Protein (AA 2-301) (His tag)

Overview

Quantity:	1 mg
Target:	CYB5R3
Protein Characteristics:	AA 2-301
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CYB5R3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	GAQLSTLSR VVLSPVWFVY SLFMKLFQRS SPAITLENPD IKYPLRLIDK EIISHDTRRF RFALPSPQHI LGLPIGQHIY LSTRIDGNLV IRPYTPVSSD DDKGFVDLVV KVFYKDTHPK FPAGGKMSQY LENMNIGDTI EFRGPNGLLV YQKGKGFAR ADKKSNNPVVR TVKSVGMIAG GTGITPMLQV IRAVLKDPND HTVCYLLFAN QSEKDILLRP ELEELRNEHS SRFKLWYTVD KAPDAWDYSQ GFVNEEMIRD HLPPPGEETL ILMCGPPPMI QFACLPNLER VGHPKERCFT F
Specificity:	Rattus norvegicus (Rat)
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:	> 90 %

Target Details

Target:	CYB5R3
Alternative Name:	NADH-cytochrome b5 reductase 3 (Cyb5r3) (CYB5R3 Products)
Background:	<p>Recommended name: NADH-cytochrome b5 reductase 3.</p> <p>Short name= B5R.</p> <p>Short name= Cytochrome b5 reductase.</p> <p>EC= 1.6.2.2.</p> <p>Alternative name(s): Diaphorase-1 Cleaved into the following 2 chains: 1.</p> <p>NADH-cytochrome b5 reductase 3 membrane-bound form 2.</p> <p>NADH-cytochrome b5 reductase 3 soluble form</p>
UniProt:	P20070
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Comment:	<p>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 modiflicated 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.</p>
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

Handling

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.