

# **Product datasheet**

# Recombinant Human CYB5R2 protein - BSA and Azide free ab180333

# 1 Image

### Description

Product name	Descenting at Using a CVDED2 are	their DCA and Arida free
	Recombinant Human CYB5R2 protein - BSA and Azide free	
Purity	> 90 % SDS-PAGE.	
	ab180333 is purified using conventional chromatography techniques.	
Expression system	Escherichia coli	
Accession	Q6BCY4	
Protein length	Full length protein	
Animal free	No	
Carrier free	Yes	
Nature	Recombinant	
Species	Human	
Sequence		MGSSHHHHHH SSGLVPRGSH MGSMNSRRRE PITLQDPEAK YPLPLIEKEK ISHNTRRFRF GLPSPDHVLG LPVGNYVQLL AKIDNELVVR AYTPVSSDDD RGFVDLIIKI YFKNVHPQYP EGGKMTQYLE NMKIGETIFF RGPRGRLFYH GPGNLGIRPD QTSEPKKTLA DHLGMIAGGT GITPMLQLIR HITKDPSDRT RMSLIFANQT EEDILVRKEL EEIARTHPDQ FNLWYTLDRP PIGWKYSSGF VTADMIKEHL PPPAKSTLIL VCGPPPLIQT AAHPNLEKLG YTQDMIFTY
Predicted molecular weight	34 kDa including tags	
Amino acids	1 to 276	
Tags	His tag N-Terminus	
Additional sequence information	(NP_057313).	
Description	Recombinant Human CYB5R2 protein (BSA and azide free)	

## Specifications

Our Abpromise guarantee covers the use of ab180333 in the following tested applications.

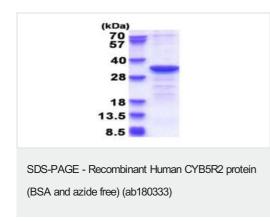
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

# Applications

Mass Spectrometry

	SDS-PAGE	
Mass spectrometry	MALDI-TOF	
Form	Liquid	
Preparation and Storage		
Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or - 80°C. Avoid freeze / thaw cycle.	
	pH: 8.00 Constituents: 0.32% Tris HCI, 0.88% Sodium chloride, 10% Glycerol (glycerin, glycerine), 0.02% DTT	
General Info		
Function	NADH-cytochrome b5 reductases are involved in desaturation and elongation of fatty acids, cholesterol biosynthesis, drug metabolism, and, in erythrocyte, methemoglobin reduction (By similarity). Responsible for NADH-dependent lucigenin chemiluminescence in spermatozoa by reducing both lucigenin and 2-[4-iodophenyl]-3-[4-nitrophenyl]-5-[2,4-disulfophenyl]-2H tetrazolium monosodium salt (WST-1).	
Tissue specificity	Restricted expression.	
Sequence similarities	Belongs to the flavoprotein pyridine nucleotide cytochrome reductase family. Contains 1 FAD-binding FR-type domain.	

#### Images



15% SDS-PAGE analysis of ab180333 (3µg).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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