

Product datasheet

Recombinant Human CYB5R2 protein - BSA and Azide free ab180333

[1 Image](#)

Description

Product name	Recombinant Human CYB5R2 protein - BSA and Azide free
Purity	> 90 % SDS-PAGE. ab180333 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>Q6BCY4</u>
Protein length	Full length protein
Animal free	No
Carrier free	Yes
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MGSMNSRRRE PITLQDPEAK YPLPLIEKEK ISHNTRRFRF GLPSPDHVLG LPVGNVYQLL AKIDNELVVR AYTPVSSDDD RGFVDLIKI YFKNVHPQYP EGGKMTQYLE NMKIGETIFF RGPRGRLFYH GPGNLGIRPD QTSEPKKTLA DHLGMIAGGT GITPMLQLIR HITKDPSDRT RMSLIFANQT EEDILVRKEL EEIARTHDPQ FNLWYTLDRP PIGWKYSSGF VTADMIKEHL PPPAKSTLIL VCGPPPPIQT 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 HCl, 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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