

Datasheet for ABIN7562474
CYP2B19 Protein (AA 1-492) (His tag)



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Overview

Quantity:	1 mg
Target:	CYP2B19
Protein Characteristics:	AA 1-492
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CYP2B19 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Cyp2b19 Protein expressed in mammalian cells.
Sequence:	MEFSVLLLLLA LTTGFLIFLV SQSQPKTHGH FPPGPRPLPF LGNLLQMDRR GLLSSFIQLQ EKYGDVFTVH LGPRPVWMLC GTDTIREALV NQAEAFSGRG TVAVLDPIVQ GYGVIFSSGE RWKTLRRFSL ATMRDFGMGK RSVEERIKEE AQCLVEELKK YKGAPLNPTF YFQCIVANII CSIVGERFD YKDHQFLHLL NLIYQTFSLM SSLSSQVFEL FSAILKYFPG AHRQISKNLQ EILDYIGHSV EKHRATLDPS APRDFIDTYL LRMEKEKSNH HTEFHHQNLV ISVLSLFFAG TETTSTTLRY SFLIMLKYPH VAEKVQKEID QVIGSHRLPT LDDRTKMPYT DAVIHEIQR TDLAPIGLPH KVTKDTLFRG YLIPKNTEVY PILSSALHDP RYFEQPDSFN PEHFLDANGA LKTNEAFMPF STGKRICLGE GIARNELFLF FTTILQNFSL ASPVAPENID LIPNNSGATK TPPYQIHFL SR Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

isoform, please contact us regarding an individual offer.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

CYP2B19

Alternative Name:

Cyp2b19 ([CYP2B19 Products](#))

Background:

Cytochrome P450 2B19 (EC 1.14.14.1) (CYP11B19),FUNCTION: Cytochromes P450 are a group of heme-thiolate monooxygenases. In liver microsomes, this enzyme is involved in an NADPH-dependent electron transport pathway. It oxidizes a variety of structurally unrelated compounds, including steroids, fatty acids, and xenobiotics.

Molecular Weight:

56.0 kDa

UniProt:

[O55071](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions:

For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months