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Datasheet for ABIN7562853  
**CYP2B10 Protein (AA 1-500) (His tag)**

## Overview

Quantity:	1 mg
Target:	CYP2B10
Protein Characteristics:	AA 1-500
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CYP2B10 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Cyp2b10 Protein expressed in mammalien cells.
Sequence:	MEPSVLLLLL LLVGFLLLLA RGHPKSRGNF PPGPRPLPLL GNLLQMDRGG LLKSLIQLRE KYGDVFTVHL GPRPVVMLCG TDTIREALVG QAEAFSGRGT VAVVEPTFKE YGVIFANGER WKTLLRRFSLA TMRDFGMGKR SVEERIQEEA QCLVEELRKS QGAPLDPTFL FQCITANVIC SIVFGERFEY TDRQFLRLE LFYQTFSLLS SFSSQMFELF SGFLKYFPGA HRQISKNLQE LLDYIGHSVE RHKATLDPSV PRDFIDIYLL RMEKEKSNQN AEFHHQNLMM SVLSLFFVGT ETSSTTLHYG FLLMLKYPHV TEKVQKEIDQ VIGSHRLPTL DDRTKMPYSD AVIHEIQRFS DLPIGVPHR VTKDTLFRGY LLPKNTEVYP ILSSALHDPQ YFEQPDSFNP DQFLDANGAL KKSEAFLPFS TGQIFDQKSV GKRICLGESI ARSEFLFFT SILQNFVAS HVAPKDIDL PKESGIGKIP PTYQICFLAR <b>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.</b>

## Product Details

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### 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.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

## Target Details

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### Target:

CYP2B10

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### Alternative Name:

Cyp2b10

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### Background:

Cytochrome P450 2B10 (EC 1.14.14.1) (CYP11B10) (CYP11B20) (Cytochrome P450 2B20) (Cytochrome P450 clone PF3/46) (Cytochrome P450-16-alpha) (P24) (Testosterone 16-alpha hydroxylase),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.

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### Molecular Weight:

56.7 kDa

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### UniProt:

[P12791](#)

## Application Details

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### Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a

## Application Details

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guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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