

Datasheet for ABIN7562996

## Cytochrome P450, Family 2, Subfamily D, Polypeptide 10 (CYP2D10) (AA 1-504) protein (His tag)



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### Overview

Quantity:	1 mg
Target:	Cytochrome P450, Family 2, Subfamily D, Polypeptide 10 (CYP2D10)
Protein Characteristics:	AA 1-504
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat Cyp2d10 Protein expressed in mammalien cells.
Sequence:	MELLTGAGLW SVAIFTVIFI LLVDLMHRHQ RWTSRYPPGP VPWPVLGNLL QVDLDNMPYS LYKLQNRDYG VFSLQMGWKP MVVINGLKAM KEVLLTCGED TADRPQVPIF EYLGVKPGSQ GVVLAPYGPE WREQRFSVS TLRNFGLGKK SLEDWVTKEA RHLCDAFATAQ AGQPINPTM LNNAVCNVIA SLIFARRFEY EDPYLIRMQK VLEDSLTEIS GLIPEVLNMF PILLRIPGLP GKVFQGQKSL LAIVENLLTE NRNTWDPDQP PRNLTDAFLA EIEKVKGNAE SSFNENLRM VVDLDFTAGM VTTSTTLSWA LLLMILHPDV QRRVQQEIDA VIGQVRHPEM ADQARMPYTN AVIHEVQRFQ DIAPLNLPRI TSRDIEVQDF LIPKGSILIP NMSSVLKDET VWEKPLRFHP EHFLDAQGHF VKPEAFMPFS AGRRSCLGEP LARMELFLFF TCLLQHFSFS VPNGQPRPRN LGVFPFPVAP YPYQLCAVMR EQGH <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:

Cytochrome P450, Family 2, Subfamily D, Polypeptide 10 (CYP2D10)

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### Alternative Name:

Cyp2d10

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### Background:

Cytochrome P450 2D10 (EC 1.14.14.1) (CYP11D10) (Cytochrome P450-16-alpha) (Cytochrome P450CB) (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:

57.2 kDa

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### UniProt:

[P24456](#)

## 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 guarantee though.

## Application Details

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Restrictions: For Research Use only

## Handling

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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