

Datasheet for ABIN7546828
CYP3A4 Protein (AA 1-503) (His tag)



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Overview

Quantity:	1 mg
Target:	CYP3A4
Protein Characteristics:	AA 1-503
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CYP3A4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CYP3A43 Protein expressed in mammalian cells.
Sequence:	<p>MDLIPNFAME TWVLVATSLV LLYIYGTHSH KLFKKGIPG PTPLPFLGTI LFYLRGLWNF DRECNEKYGE MWGLYEGQP MLVIMDPDMI KTVLVKECYS VFTNQMP LGP MGFLKSALSF AEDEEWKRIR TLLSPAFTSV KFKEMVPIIS QCGDMLVRSR RQEAENSKSI NLKDDFFGAYT MDVITGT LFG VNLDSLNNPQ DPFLKNMKKL LKLDFLDPFL LLISLFPFLT PVFEALNIGL FPKDVTHFLK NSIERMKESR LKDKQKHRVD FFQQMIDSQN SKETKSHKAL SDLELVAQSI IIIFAAYDTT STTLPFIMYE LATHPDVQQK LQEEIDAVLP NKAPVTYDAL VQMEYLDMMV NETLRLFPVV SRVTRVCKKD IEINGVFIPK GLAVMVPIYA LHHDPKYWTE PEKFCPERFS KKNKDSIDLY RYIPFGAGPR NCIGMRFALT NIKLAVIRAL QNFSFKPCKE TQIPLKLDNL PILQPEKPIV LKVHLRDGIT SGP 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.</p>
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:

CYP3A4

Alternative Name:

CYP3A43 ([CYP3A4 Products](#))

Background:

Cytochrome P450 3A43 (EC 1.14.14.1),FUNCTION: Exhibits low testosterone 6-beta-hydroxylase activity.

Molecular Weight:

57.7 kDa

UniProt:

[Q9HB55](#)

Pathways:

[Steroid Hormone Biosynthesis](#)

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