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Datasheet for ABIN7561376

**Cyp4f14 Protein (AA 1-524) (His tag)**

## Overview

Quantity:	1 mg
Target:	Cyp4f14 (CYP4F14)
Protein Characteristics:	AA 1-524
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cyp4f14 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Cyp4f14 Protein expressed in mammalian cells.
Sequence:	<p>MSQLSLSWLGLGPEVAFPWK TLLLLGASWI LARILIQIYA AYRNYRHLHG FPQPPKRNWL MGHVGMVTPT EQGLKELTRL VGTYPQGFLM WIGPMVPVIT LCHSDIVRSI LNASAAVALK DVIFYSILKP WLGDGLLVSA GDKWSRHRM LTPAFHFNIL KPYVKIFNDS TNIMHAKWQR LISDGSARLD MFEHVSLMTL DSLQKCVFSF DSNQCQSSE YIAAILELSA LVAKRHQQPL MFMDLLYNLT PDGMRFRKAC NVVHEFTDAV IRERHRTLDP QGLDDFLKSK AKSKTLDFID VLLLSKDEDG KELSDEDIRA EADTFMFEHG DTTASGLSWI LYNLARHPEY QERCRCQEVQE LLRGREPEEI EWDDLAQLPF LTMCIKESLR LHPPVTVISR CCTQDILLPD GRTIPKGIIC LISIFGIHHN PSVWPDPEVY DPFRRDPENI KDSSPLAFIP FSAGPRNCIG QTFAMSEMKV ALALTLLRFR LLPDDKEPRR QPELILRAEG GLWLRVEPLS AGAH <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</b></p>

## Product Details

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### contact us.

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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.

#### Purity:

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

#### Grade:

custom-made

## Target Details

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#### Target:

Cyp4f14 (CYP4F14)

#### Alternative Name:

Cyp4f14

#### Background:

Leukotriene-B4 omega-hydroxylase 3 (EC 1.14.14.94) (Cyp4f-14) (Cytochrome P450 4F14) (Cytochrome P450-LTB-omega) (Leukotriene-B4 20-monooxygenase 3),FUNCTION: Cytochromes P450 are a group of heme-thiolate monooxygenases. Catalyzes the omega-hydroxylation of LTB4 (By similarity). {ECO:0000250}.

#### Molecular Weight:

59.8 kDa

#### UniProt:

[Q9EP75](#)

## 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