

Datasheet for ABIN7557841

## CYP3A11 Protein (AA 1-504) (His tag)



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### Overview

|                               |                                                |
|-------------------------------|------------------------------------------------|
| Quantity:                     | 1 mg                                           |
| Target:                       | CYP3A11                                        |
| Protein Characteristics:      | AA 1-504                                       |
| Origin:                       | Mouse                                          |
| Source:                       | HEK-293 Cells                                  |
| Protein Type:                 | Recombinant                                    |
| Purification tag / Conjugate: | This CYP3A11 protein is labelled with His tag. |

### Product Details

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:     | Custom-made recombinant Cyp3a11 Protein expressed in mammalian cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Sequence:    | <p>MDLVSALSLE TWVLLAISLV LLYRYGTRKH ELFKKQGIPG PKPLPFLGTV LNYKGLWKF</p> <p>DMECYKKYKG TWGLFDGQTP LLAVTDPETI KNLVKECFV VFTNRRDFGP VGIMSKAISI</p> <p>SKDDEWKRYR ALLSPTFTSG KLKEMFPVIE QYGDILVKYL RQKAKKGKPV TMKDVLGAYS</p> <p>MDVITSTSFG VNVDSLNNPE DPFVEKAKKL LRFDFDPLL FSVVLPFLT PVYEMLNICM</p> <p>FPKDSIEFFK KFDVRMKESR LDSKQKHRVD FLQLMMNSHN NSKDKVSHKA LSDMEITAQS</p> <p>IIFIFAGYET TSSTLSFTLH SLATHPDQK KLQDEIDEAL PNKAPPTYDT VMEMEYLDLV</p> <p>LNETRLLYPI ANRLERVCKK DVELNGVYIP KGSTVMIPSY ALHHPDQHWS EPEEFQPERF</p> <p>SKENKGSIDP YVYLPFGNGP RNCLGMRFAI MNMKLALTKI MQNFSFQPCCK ETQIPLKLSR</p> <p>QGLLQPEKPI VLKVVPRDAV ITGA <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></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:

CYP3A11

### Alternative Name:

Cyp3a11 ([CYP3A11 Products](#))

### Background:

Cytochrome P450 3A11 (EC 1.14.14.1) (CYP11A11) (Cytochrome P-450IIIAM1) (Cytochrome P-450UT),FUNCTION: Catalyzes erythromycin N-demethylation, nifedipine oxidation and testosterone 6 beta-hydroxylation.

### Molecular Weight:

57.9 kDa

### UniProt:

[Q64459](#)

## 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                                                        |