

Datasheet for ABIN7557842

**Cytochrome P450, Family 3, Subfamily A, Polypeptide 13
(CYP3A13) (AA 1-503) protein (His tag)**[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Cytochrome P450, Family 3, Subfamily A, Polypeptide 13 (CYP3A13)
Protein Characteristics:	AA 1-503
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 Cyp3a13 Protein expressed in mammalien cells.
Sequence:	MDLIPNFSME TWMLLATSLV LLYLYGTHSH GIFKKGIPG PKPLPFLGTI LAYQKGFWEC DIQCHKKYGK MWGLYDGRQP VLAITDPDII KTVLVKECYS TFTNRRRFGP VGILKKAISI SENEEWKRIR ALLSPTFTSG RLKEMFPIIN QFTDVLVRNM RQGLGEGKPT SMKDIFGAYS MDVITATSG VNIDSLNNPQ DPFVEKIKKL LKFDIFDPLF LSVTLFPFLT PVFDALNVSL FPRDVISFFT TSVERMKENR MKEKEKQRVD FLQLMINSQN YTKKESHKAL SDVEIVAQSV IFIFAGYETT SSALSFALYL LAIHPDVQKK LQDEIDAALP NKAPATYDTL LQMEYLDMMV NETLRLYPIA GRLERVCKTD VEINGLFIKP GTVVMIPTFA LHKDPKYWPE PEEFRPERFS KKNQDSINPY MYLPFGSGPR NCIGMRFALI NMKVALVRVL QNFTVQPCKE TEIPLKLSKQ GLLQPENPLL LKVVSRETV SDE 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.

Product Details

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

Target:

Cytochrome P450, Family 3, Subfamily A, Polypeptide 13 (CYP3A13)

Alternative Name:

Cyp3a13 ([CYP3A13 Products](#))

Background:

Cytochrome P450 3A13 (EC 1.14.14.1) (CYP11A13),FUNCTION: Can activate aflatoxin B1 to a genotoxic product.

Molecular Weight:

57.5 kDa

UniProt:

[Q64464](#)

Application Details

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.

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