

Datasheet for ABIN7556486
CYP2A12 Protein (AA 1-492) (His tag)



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Overview

Quantity:	1 mg
Target:	CYP2A12
Protein Characteristics:	AA 1-492
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CYP2A12 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Cyp2a12 Protein expressed in mammalien cells.
Sequence:	<p>MLGSGLLLLLA ILAFLSVMVL VSVWQKIRG KLPPGPIPLP FIGNYLQLNR KDVYSSITQL QEHYGPVFTI HLGPRRVVVL YGYDAVKEAL VDHAEEFSGR GEQATFNTLF KGYGVAFSNG ERAKQLRRFS IATLRDFGMG KRGVEERIQE EAGCLIKMLQ GTCGAPIDPT IYLSKTASN ISSIVGDRF NYEDKEFLSL LQMMGQVNKF AASPTGQLYD MFHSVMKYLP GPQQQIIKDS HKLEDFMIQK VKQNSTLDP NSPRDFIDSF LIHMQKEKYV NSEFHMKNLV MTSNLNFFAG SETVSSTLRY GFLLLMKHPD VEAKVHEEID RVIGRNRQPQ YEDHMKMPYT QAVINEIQR SNFAPLGIPR RITKDTSFRG FFLPKGTEVF PILGSLMTDP KFFSSPKDFN PQHFLDDKGQ LKKIPAFLPF STGKRFLGD SLAKMELFLF FTTILQNFRRF KFPRKLEDIN ESPTPEGFTR IIPKYTMSFV PI 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>

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:

CYP2A12

Alternative Name:

Cyp2a12

Background:

Cytochrome P450 2A12 (EC 1.14.14.1) (CYP11A12) (Steroid hormones 7-alpha-hydroxylase) (Testosterone 7-alpha-hydroxylase),FUNCTION: Highly active in the 7-alpha-hydroxylation of testosterone.

Molecular Weight:

56.2 kDa

UniProt:

[P56593](#)

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