

Datasheet for ABIN7546827
CYP2F1 Protein (AA 1-491) (His tag)



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Overview

Quantity:	1 mg
Target:	CYP2F1
Protein Characteristics:	AA 1-491
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CYP2F1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat CYP2F1 Protein expressed in mammalien cells.
Sequence:	MDSISTAILL LLLALVCLLL TLSSRDKGKL PPGPRPLSIL GNLLLLCSQD MLTSLTKLSK EYGSMTVHL GPRRVVLSG YQAVKEALVD QGEEFSGRGD YPAFFNFTKG NGIAFSSGDR WKVLRQFSIQ ILRNFGMGKR SIEERILEEG SFLLAELRKT EGEPFDPTFV LSRSVSNIIC SVLFGSRFDY DDERLLTIIR LINDNFQIMS SPWGELYDIF PSLLDWVPGP HQRIFQNFKC LRDLIAHSVH DHQASLDPRS PRDFIQFLT KMAEEKEDPL SHFHMDTLLM TTHNLLFGGT KTVSTTLHHA FLALMKYPKV QARVQEEIDL VVGRARLPAL KDRAAMPYTD AVIHEVQRFA DIIPMNLPHR VTRDTAFRGF LIPKGTDVIT LLNTVHYDPS QFLTPQEFNP EHFLDANQSF KKSPAFMPFS AGRRLCLGES LARMELFLYL TAILQSFSLQ PLGAPEDIDL TPLSSGLGNL PRPFQLCLRP R 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:

CYP2F1

Alternative Name:

CYP2F1 ([CYP2F1 Products](#))

Background:

Cytochrome P450 2F1 (EC 1.14.14.1) (CYP11F1),FUNCTION: May be involved in the metabolism of various pneumotoxicants including naphthalene. Is able to dealkylate ethoxycoumarin, propoxycoumarin, and pentoxoresorufin but possesses no activity toward ethoxoresorufin and only trace dearylation activity toward benzyloxyresorufin. Bioactivates 3-methylindole (3MI) by dehydrogenation to the putative electrophile 3-methylene-indolenine. {ECO:0000269|PubMed:1974816}.

Molecular Weight:

55.5 kDa

UniProt:

[P24903](#)

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

Application Details

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
