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Datasheet for ABIN7562852

Cyp2b9 Protein (AA 1-491) (His tag)

Overview

Quantity:	1 mg
Target:	Cyp2b9 (CYP2B9)
Protein Characteristics:	AA 1-491
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cyp2b9 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Cyp2b9 Protein expressed in mammalian cells.
Sequence:	<p>MDPSVLLLLL VLLSLFLLL V RGHAKIHGHL PPGPHPLPLL GNLLQMDRGG LLKCFIQLQE KHGDVFTVHL GPRPVVLCG TQTIREALVD HAEAFSGRGT IAAAQLVMQD YGIFFASGQR WKTLLRRFSLA TMKEFGMGKR SVEERIKEEA QCLVEELKKY QGVPLDPTFL FQCITANIIC SIVFGERFDY TDDQFLHLLN LMYKIFSLLS SFSGQMFELF SGFLKYFPGV HRQIVKKQQE LLDYIAHSVE KHKATLDPSA PRDYIDTYLL RMEKEKSNHN TEFHHQNLMM SVLSLFFAGT ETTSATLHYG VLLMLKYPHV TEKVQKEIDQ VIGSHRLPTL DDRTKMPYTD AVIHEIQRFS DLVPIGLPHK VIKDTLFRGY LLPKNTEVYP VLSSALHDPQ YFEQPKFNP EHFLDANGAL KKCEAFLPFS TGKRICLGES IARNELFIFF TTILQNFSVA SPVAPKDIDL TPKESGIGKI PPAHQIYFLA</p> <p>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.</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:

Cyp2b9 (CYP2B9)

Alternative Name:

Cyp2b9 ([CYP2B9 Products](#))

Background:

Cytochrome P450 2B9 (EC 1.14.14.1) (CYP11B9) (Cytochrome P450 clone PF26) (Cytochrome P450-16-alpha) (Testosterone 16-alpha hydroxylase),FUNCTION: Cytochromes P450 are a group of heme-thiolate monooxygenases. In liver microsomes, this enzyme is involved in an NADPH-dependent electron transport pathway. It oxidizes a variety of structurally unrelated compounds, including steroids, fatty acids, and xenobiotics.

Molecular Weight:

55.7 kDa

UniProt:

[P12790](#)

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.

Application Details

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