

Recombinant Human CYP4X1 protein ab166094

1 Image

Description

Product name	Recombinant Human CYP4X1 protein
Expression system	Wheat germ
Accession	<u>Q8N118</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MEFSWLETRWARPFYLA FVFCLALGLLQAIKLYLRRQRLL RDLRPF PAPP THWFLGHQKFIQDDNMEKLEEII EKYPRAFPFWIGPFQAFF CYDPDYAK TLLSRTPKSYLQKFS PPLLGKGLAALDGPKW FQHRRLL LTPGFHFNILK AYIEVMAHSVKMMLDKWEKICSTQDTSVEVYEHINSMSLDI IMKCAFSKE TNCQTNSTHDPYAKAIFELSKIIFHRLYSLLYHSDIIFKLSPQG YRFQKL SRVLNQYTDTIQERKKSLQAGVKQDNTPKRKYQDFLDIVL SAKDESGSS FSDIDVHSEVSTFLLAGHDTLAASISWILYCLALNPEHQR CREEVRGIL GDGSSITWDQLGEMSYTTMCIKETCRLIPAVPSISRDL SKP LTFPDGCTL PAGITVVL SWGLHHNPA VWKNPKVFDPLRFSQENS DQR HPYAYLPFSAG SRNCIGQE FAMI ELKV TIALILLHFRVTPDPTRPLTFPNHFIL KPKNGMYLHLKKLSEC
Amino acids	1 to 509
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab166094** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA
	Western blot
Form	Liquid
Additional notes	

Preparation and Storage

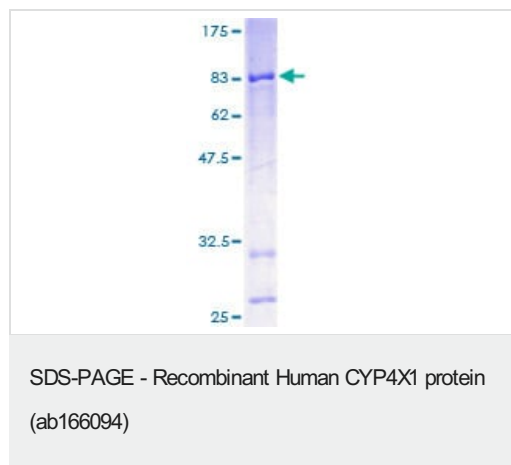
Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
	pH: 8.00
	Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Relevance	CYP4X1 is a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. The expression pattern of a similar rat protein suggests that this protein may be involved in neurovascular function in the brain. Catalytic activity: $\text{RH} + \text{reduced flavoprotein} + \text{O}_2 = \text{ROH} + \text{oxidized flavoprotein} + \text{H}_2\text{O}$.
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Cellular localization	Endoplasmic reticulum membrane; Peripheral membrane protein. Microsome membrane; Peripheral membrane protein.
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Images



ab166094 on a 12.5% SDS-PAGE stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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