

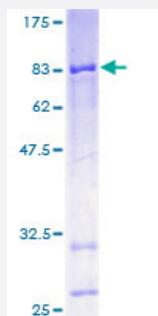
Full-Length

CYP4X1 (Human) Recombinant Protein (P01)

Catalog # H00260293-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CYP4X1 full-length ORF (AAH28102, 1 a.a. - 509 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEFSWLETRWARPFYLAFFVCLALGLLQAIKLYLRRQRLRLRPFAPPTHWFLGHQKFIQDDN
MEKLEEEIEKYPRAPFWIGPFQAFFCYDPDYAKTLLSRTDPKSQYLQKFSPPLLGKGLAALDGP
WFQHRRLTPGFHFNLKAYIEVMAHSVKMMLDKWEKICSTQDTSVEVYEHINSMSLDIIMKCAFSK
ETNCQTNSTHDPYAKAIFELSKIIFHRLYSLLYHSDIIFKLSPQGYRFQKLSRVLNQYTDTIQERKKS
LQAGVKQDNTPKRKYQDFLDVLSAKDESGSSFSIDVHSEVSTFLLAGHDTLAASISWILYCLALN
PEHQERCREEVRGILGDGSSITWDQLGEMSYTMCIKETCRLIPAVPSISRDLKPLTFPDGCTLP
AGITVLSWGLHHNPAVWKNPKVFDPLRFSQENSQDRHPYAYLPFSAGSRNCIGQEFAMIELKVT
IALILLHFRVTPDPTPLTFPNHFIKPKNGMYLHLKKLSEC

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

81.51

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CYP4X1

Entrez GeneID[260293](#)**GeneBank Accession#**[BC028102](#)**Protein Accession#**[AAH28102](#)**Gene Name**

CYP4X1

Gene Alias

MGC40051

Gene Description

cytochrome P450, family 4, subfamily X, polypeptide 1

Gene Ontology[Hyperlink](#)**Gene Summary**

This gene encodes 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. [provided by RefSeq]

Other Designations

OTTHUMP00000009712