

Recombinant Full Length Human Cytochrome P450 4X1(Cyp4X1) Protein, His-Tagged

Cat. No. RFL19004HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Cytochrome P450 4X1(CYP4X1) Protein (Q8N118) (1-509aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-509)
Form	Lyophilized powder
AA Sequence	MEFSWLETRWARPFYLAFFVCLALGLLQAIKLYLRRQRLRLDLRPFPPAPPTHWFLGH QKF IQDDNMEKLEEIIIEKYPRAPFFWIGPFQAFFCIYDPDYAKTLLSRTDPKSQYLQK FSPPL LGKGLAALDGPKWQHRLLTLPGFHFNILKAYIEVMAHSVKMMLDKWEKIC STQDTSVEV YEHINSMSLDIIMKCAFSKETNCQTNSTHDPYAKAIFELSKIIFHRLYSL LYHSDIIFKL SPQGYRFQKLSRVLNQYTDIIQERKKSQAGVKQDNTPKRKYQDFL DIVLSAKDESGSS FSDIDVHSEVSTFLLAGHDTLAASISWILYCLALNPEHQERCREE VRGILGDGSSITWDQ LGEMSYTTMCIKETCRLIPAVPSISRDLKPLTFPDGCTLPAG ITVVLISWGLHHNPAVW KNPKVFDPLRFSQENSQRHPYAYLPFSAGSRNCIGQEF AMIELKVITIALILLHFRVTPD PTRPLTFPNHFILKPKNGMYLHLKKLSEC
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

for up to one week.

Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name

CYP4X1

Synonyms

CYP4X1; UNQ1929/PRO4404; Cytochrome P450 4X1; CYP4X1

UniProt ID

[Q8N118](#)

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