

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	MEFSWLETRWARPFYLA FVFCLALG LLQA IKLYLRRQ RLLRDLRPF PAPPTHWFLGH QKF IQDDNMEKLEEII EKYPRAFPFWIGPFQAFFCIYDPDYAKTLLSRTDPKSQYLQK FSPPL LGKGLAALDGP KW FQHRRL LTPGFHFNILKAYIEVMAHSVKMMLDKWEKIC STQDTSVEV YEHINSMSLDIIMKCAFSKETNCQTNSTHDPYAKAIFELSKIIFHRLYSL LYHSDIIFKL SPQGYRFQKLSRVLNQYTD TIIQERKKSLQAGVKQDNTPKRKYQDFL DIVLSAKDESGSS FSDIDVHSEVSTFLLAGHDTLAASISWILYCLALNPEHQERCREE VRGILGDGSSITWDQ LGEMSYTTMCIKETCRLIPAVPSISRDL SKPLTFPDGCTLPAG ITVVL SIWGLHHNP AVW KNPKVFDPLRFSQENS DQRHPYAYLPFSAGSRNCIGQEF AMIELKV TIALILLHFRVTPD PTRPLTFPNHFILKPKNGMYLHLKKLSEC
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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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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