Recombinant Full Length Human Cytochrome P450 4F11(Cyp4F11) Protein, His-Tagged

Cat. No. RFL17054HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Cytochrome P450 4F11(CYP4F11) Protein (Q9HBI6) (1-524aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-524)
Form	Lyophilized powder
AA Sequence	MPQLSLSWLGLGPVAASPWLLLLLVGGSWLLARVLAWTYTFYDNCRRLQCFPQPP KQNWF WGHQGLVTPTEEGMKTLTQLVTTYPQGFKLWLGPTFPLLILCHPDIIRPITS ASAAVAPK DMIFYGFLKPWLGDGLLLSGGDKWSRHRRMLTPAFHFNILKPYMKIFN KSVNIMHDKWQR LASEGSARLDMFEHISLMTLDSLQKCVFSFESNCQEKPSEYIAAI LELSAFVEKRNQQIL LHTDFLYYLTPDGQRFRRACHLVHDFTDAVIQERRCTLPTQG IDDFLKNKAKSKTLDFID VLLLSKDEDGKELSDEDIRAEADTFMFEGHDTTASGLSW VLYHLAKHPEYQEQCRQEVQE LLKDREPIEIEWDDLAQLPFLTMCIKESLRLHPPVP VISRCCTQDFVLPDGRVIPKGIVC LINIIGIHYNPTVWPDPEVYDPFRFDQENIKERSP LAFIPFSAGPRNCIGQAFAMAEMKV VLALTLLHFRILPTHTEPRRKPELILRAEGGLW LRVEPLGANSQ
Purity	Greater than 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C 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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	CYP4F11
Synonyms	CYP4F11Cytochrome P450 4F11; CYPIVF11; EC 1.14.14.1; 3-hydroxy fatty acids omega-hydroxylase CYP4F11; Docosahexaenoic acid omega-hydroxylase; EC 1.14.14.79; Long-chain fatty acid omega-monooxygenase; EC 1.14.14.80; Phylloquinone omega-hydroxylase CYP4F11;
UniProt ID	Q9HBI6

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