

Recombinant Full Length Human Leukotriene-B(4) Omega-Hydroxylase 2(Cyp4F3) Protein, His-Tagged

Cat. No. RFL23570HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Leukotriene-B(4) omega-hydroxylase 2(CYP4F3) Protein (Q08477) (1-520aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-520)
Form	Lyophilized powder
AA Sequence	MPQLSSLGLWPMAASPWLLLLLVGASWLLARILAWTYTFYDNCCRLRCFPQPPK RNWF LGHLGLIHSSEEGLLYTQSLACTFGDMCCWWVGPWHAIVRIFHPTYIKPVLF APAAIVPK DKVFYSFLKPWLGDGLLLSAGEKWSRHRRLTPAFHFNILKPYMKIFNE SVNIMHAKWQL LASEGSARLDMFEHISLMTLDSLQKCVFSFDSHCQEKPSEYIAAIL ELSALVTKRHQQIL LYIDFLYYLTPDGQRFRRACRLVHDFTDAVIQERRRTLPSQGV DDFLQAKAKSKTLDFID VLLLSKDEDEGKKLSDEDIRAEADTFMFEGHDTTASGLSWV LYHLAKHPEYQERCQEVEQE LLKDREPKEIEWDDLAQLPFLTMCIKESRLHPPVPA VSRCTQDIVLPDGRVIPKGIIC LISVFGTHHNPVWPDPVEYDPFRFDPKNIKERSP LAFIPFSAGPRNCIGQAFAMAEMKV VLGLTLLRFRVLPDHTEPRRKPELVLR AEGGL WLRVEPLS
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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	CYP4F3
Synonyms	CYP4F3; LTB4H; Cytochrome P450 4F3; 20-hydroxyeicosatetraenoic acid synthase; 20-HETE synthase; CYP1VF3; Cytochrome P450-LTB-omega; Docosahexaenoic acid omega-hydroxylase CYP4F3; Leukotriene-B(4 20-monooxygenase 2; Leukotriene-B(4 omega-hydroxylase 2
UniProt ID	Q08477