

Recombinant Full Length Human Cytochrome P450 2U1(Cyp2U1) Protein, His-Tagged

Cat. No. RFL15545HF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Human Cytochrome P450 2U1(CYP2U1) Protein (Q7Z449) (1-544aa), fused to N-terminal His tag, was expressed in E. coli.

Species Human

Source E.coli

ProteinLength Full Length (1-544)

Form Lyophilized powder

AA Sequence

MSSPGPSQPPAEDPPWPAPARLLRAPLGLLRDPSGGALLLCGLVALLGWSWLRRRR
 ARGIP PGPTPWPLVGNFGHVLLPPFLRRRSWLSSRTRAAGIDPSVIGPQVLLAHLAR
 VYGSIFS FIGHYLVVLSDFHVSREALVQQAQAEVFSRPRVPLISIVTKEKGVVFAHY
 GPVWRQQRKF SHSTLRHFGLGKLSLEPKIIEEFKYVKAEMQKHGEDPFCPFSIISNA
 VSNIICSLCFGQR FDYTNSEFKKMLGFMARGLEICLNSQVLLVNICPWLYYLPFGPFK
 ELRQIEKDITSFLKK IIKDHQESLDRENPDQDFIDMYLLHMEEERKNNSNSSFDEEYLF
 YIIGDLFIAGTDTTNS LLWCLLYMSLNPVQEKVHEEIERVIGANRAPSLTDKAQMP
 YTEATIMEVQRLTVVPLA IPHMTSENTVLQGYTIPKGTLLPNLWSVHRDPAIWEKP
 EDFYPNRFDDQGQLIKKETF IPFGIGKRVCMGEQLAKMELFLMFVSLMQSFAFALP
 EDSKKPLL TGRFGLTLAPHPFNIT ISRR

Purity Greater than 90% as determined by SDS-PAGE.

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

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	CYP2U1
Synonyms	CYP2U1; Cytochrome P450 2U1; Long-chain fatty acid omega-monooxygenase
UniProt ID	Q7Z449

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