

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

**Cat. No.** RFL26258RF    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

Recombinant Full Length Rat Cytochrome P450 2U1(Cyp2u1) Protein (Q4V8D1) (1-530aa), fused to N-terminal His tag, was expressed in E. coli.

### Species

Rat

### Source

E.coli

### ProteinLength

Full Length (1-530)

### Form

Lyophilized powder

### AA Sequence

MSSIGGLRPAAGEQPVGPHLQAVGGALLCGLAVLLDWVWLQRQRAGGIPPGPK  
 PRPLV GNFGYLLLPRFLRLHFWLGSGSQTDTVGRHVYLARLARVYGNIFSFFIGHRL  
 VVLSDFQ SVREALVQQAIEVFSRPRMPLISILTKEKGIVFAHYGPIWKQQRFSHS  
 TLRHFGLGKLS LEPRIIEEFAYVKAEMQKHGEAPFSPFPVISNAVSNIICSLCFGQRF  
 DYTNKEFKKVLDF MSRGLEICLHSQLFLINLCPWFYLLPFGPFKELRQIERDITCFLK  
 NIIKEHQESLDANNP QDFIDMYLLHTQEEKDKCKGTNFDDEDYLFYIIGDLFIAGTDTT  
 NSLLWCLLYMSLNPV QKKVHEEIERVIGRDRAPSLTDKAQMPYTEATIMEVQRLS  
 MVVPLAIPHMTSEKTVLQGY SIPKGTVVLPNLWSIHRDPVIWEKPDDFCPHRFLDDQ  
 GLLKRETFIPFGIGKRVCMGEQ LAKMELFLMFVSLMQSFTFALPEGSEKPIMTGRF  
 GLTLAPHPFNVTVSKR

### Purity

Greater than 90% as determined by SDS-PAGE.

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<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Reconstitution</b>	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

<b>Gene Name</b>	Cyp2u1
<b>Synonyms</b>	Cyp2u1; Cytochrome P450 2U1; Long-chain fatty acid omega-monooxygenase
<b>UniProt ID</b>	<a href="#">Q4V8D1</a>