

Recombinant Human CYP2U1 protein, His-tagged

Cat. No. CYP2U1-3939H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CYP2U1 protein(1-59 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-59 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	MSSPGPSQPPAEDPPWPARLLRAPLGLLRLDPSGGALLLCGLVALLGWSWLRRRR ARGI
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/

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μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	CYP2U1 cytochrome P450, family 2, subfamily U, polypeptide 1 [Homo sapiens]
Official Symbol	CYP2U1
Synonyms	CYP2U1; cytochrome P450, family 2, subfamily U, polypeptide 1; cytochrome P450 2U1; P450TEC;
Gene ID	113612
mRNA Refseq	NM_183075
Protein Refseq	NP_898898
MIM	610670
UniProt ID	Q7Z449

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SDS-PAGE

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