

Recombinant Full Length Human CYP2W1 Protein, C-Flag-tagged

Cat. No. CYP2W1-1740HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CYP2W1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	53.7 kDa
AA Sequence	MALLLLLFLGLLGLWGLLCACAQDPSPAARWPPGPRPLPLVGNLHLLRLSQQDRSL MELSERYGPVFTVH LGRQKTVVLTGFEAVKEALAGPGQELADRPPIAIFQLIQRGGG IFFSSGARWRAARQFTVRALHSLGVGR EPVADKILQELKCLSGQLDGYRGRPFPLA LLGWAPSNITFALLFGRRFDYRDPVFVSLLGLIDEVMVLLG SPGLQLFNVYPWL GAL LQLHRPVLRKIEEVRAILRTLLEARRPHVCPGDPVCSYVDALIQQGQGDDEGL FAE ANAVACTLDMVMAGTETTSATLQWAALLMGRHPDVQGRVQEELDRVLGPGRTPRL EDQQALPYTS AV LHEVQRFITLLPHVPRCTAADTQLGGFLLPKGTPVIPLLTSVLLDE TQWQTPGQFNPGHFLDANGHFVKR EAFLPFSAGRRVCVGERLARTELFLLFAGLL QRYRLLPPPVGSPASLDTTTPARAFTMRPRAQALCAVPRPTRTRPLEQKLISEEDLAA

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, P450
Full Length	Full L.

GENE INFORMATION

Gene Name	CYP2W1 cytochrome P450 family 2 subfamily W member 1 [Homo sapiens (human)]
Official Symbol	CYP2W1
Synonyms	MGC34287
Gene ID	54905
mRNA Refseq	NM_017781.3

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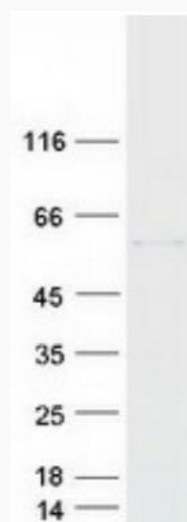
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Protein Refseq NP_060251.2

MIM 615967

UniProt ID Q8TAV3



Coomassie blue staining of purified CYP2W1 protein.

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