

# Recombinant Full Length Human CYP4Z1 Protein, GST-tagged

**Cat. No.** CYP4Z1-2467HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CYP4Z1 full-length ORF ( NP_835235.1, 1 a.a. - 505 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	505 amino acids
<b>Description</b>	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. This gene is part of a cluster of cytochrome P450 genes on chromosome 1p33. [provided by RefSeq, Jul 2008]
<b>Molecular Mass</b>	85.5 kDa
<b>AA Sequence</b>	MEPSWLQELMAHPFLLLLILLCMSLLLFQVIRLYQRRRWIRALHLFPAPPAHWFYGH KEFYVPVKEFEVYHKLMEKYPCAVPLWVGPFTMFFSVHDPDYAKILLKRQDPKSAVS HKILES WVGRGLVTLDGSKWKKHRQIVKPGFNISILKIFITMMSESVRMMMLNKWEEHI AQNSRLELFQHVSLMTLDSIMKCAFESHQGSIQLDSTLDSYLKAVFNLSKISNQRMMNN FLHHNDLVFKFSSQGQIFSKFNQELHQFTEKVIQDRKESLKDCLKQDTTQKRRWDFL DILLSAKSENTKDFSEADLQAEVKTFMFAGHDTTSSAISWILYCLAKYPEHQQRCD EIRELLGDGSSITWEHLSQMPYTTMCIKECLRLYAPVVNISRLLDKPITFPDGRSLPAG ITVFINIWALHHNPYFWEDPQVFNPLRFSRENSEKIHPYAFIPFSAGLRNCIGQHFAIIE

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CKVAVALTLLRFKLAPDHSRPPQPVRQVVLKSKNGIHVFAKKVC

**Applications**

Enzyme-linked Immunoabsorbent Assay  
 Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**Notes**

Best use within three months from the date of receipt of this protein.

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name**

CYP4Z1 cytochrome P450, family 4, subfamily Z, polypeptide 1 [ Homo sapiens ]

**Official Symbol**

CYP4Z1

**Synonyms**

CYP4Z1; cytochrome P450, family 4, subfamily Z, polypeptide 1; cytochrome P450 4Z1; CYP4A20; CYP4Z1;

**Gene ID**

199974

**mRNA Refseq**

NM\_178134

**Protein Refseq**

NP\_835235

**MIM**

618953

**UniProt ID**

Q86W10

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