

Recombinant Full Length Human CYP4Z1 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human CYP4Z1 full-length ORF (NP_835235.1, 1 a.a. - 505 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	505 amino acids
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. This gene is part of a cluster of cytochrome P450 genes on chromosome 1p33. [provided by RefSeq, Jul 2008]
Molecular Mass	85.5 kDa
AA Sequence	MEPSWLQELMAHPFLLILLCMSLLLFQVIRLYQRRRWIMIRALHLFPAPPAHWFYGH KEFYVPKEFEVYHKLMEKYPCAVPLWVGPFMTFFSVHDPDYAKILLKRQDPKSAVS HKILES WVGRLVTLDGSKWKKHRQIVKPGFNISILKIFITMMSESVRMMMLNKWEEHI AQNSRLELFQHVS LMTLDSIMKCAFSHQGSIQLDSTLDSYLKAVFNLSKISNQRMNN FLHHNDLVFKFSSQGQIFSKFNQELHQFTEKVIQDRKESLKDCLKQDTTQKRRWDFL DILLSAKSENTKDFSEADLQAEVKTFMFAGHDTTSSAISWILYCLAKYPEHQQRCD EIRELLGDGSSITWEHLSQMPYTTMCIKECLRLYAPVVNISRLLDKPITFPDGRSLPAG ITVFINIWALHHNPYFWEDPQVFNPLRFSRENSEKIHYPYAFIPFSAGLRNCIGQHFAIIE

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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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