

Product datasheet for **TP313223M**

CYP4Z1 (NM_178134) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human cytochrome P450, family 4, subfamily Z, polypeptide 1 (CYP4Z1), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC213223 representing NM_178134
Red=Cloning site **Green**=Tags(s)

MEPSWLQELMAHPFLLLILLCMSLLLQVIRLYQRRRWIRALHLPAPPAAHWFYGHKEFYVPVKEFEVYH
KLMEKYPICAVPLWVGPFTMFFSVHDPDYAKILLKRQDPKSAVSHKILES WVGRGLVTLTDGSKWKKHRQIV
KPGFNISILKIFITMMSSESVRMMLNKWEEHIAQNSRLELFQHVSLMTLDSIMKCAFSHQGSIQLDSTLDS
YLKAVFNLSKISNQRMNFLHNDLVFKFSSQGQIFSKFNQELHQFTEKVIQDRKESLKDCLKQDQTTQKR
RWDFLDILLSAKSENTKDFSEADLQAEVKTFFMAGHDTTSSAISWILYCLAKYPEHQQRCDREIRELLGD
GSSITWEHLSQMPYTTMCIKECLRLYAPVWNISRLLDKPITFPDGRSLPAGITVFINI WALHHNPNYFWED
PQVFNPLRFSRENSEKIHPYAFIPFSAGLRNCIGQHFAIIECKVAVALTLRFLKLPDHSRPPQVVRQVV
LKSKNGIHVFAKKVC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 58.9 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

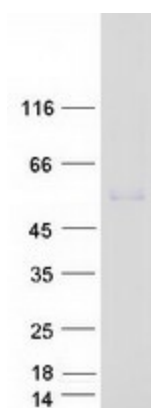
Storage: Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_835235
Locus ID:	199974
UniProt ID:	Q86W10
RefSeq Size:	1907
Cytogenetics:	1p33
RefSeq ORF:	1515
Synonyms:	CYP4A20
Summary:	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]
Protein Families:	Druggable Genome, P450, Transmembrane

Product images:



Coomassie blue staining of purified CYP4Z1 protein (Cat# [TP313223]). The protein was produced from HEK293T cells transfected with CYP4Z1 cDNA clone (Cat# [RC213223]) using MegaTran 2.0 (Cat# [TT210002]).