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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CYP2C8 (Human) Recombinant Protein (P01)

Catalog Number: H00001558-P01

Regulation Status: For research use only (RUO)

Product Description: Human CYP2C8 full-length ORF (AAH20596.1, 1 a.a. - 490 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

```
MEPFVVLVLCLSFMLLWLRQSCRRRKLPPGPTPLPI
IGNMLQIDVKDICKSFTNFSKVYGPVFTVYFGMNPVVV
HGYESVKEALIDNGEEFSGRGNPISQRITKGLGISSN
GKRWKEIRRFSLTTLRNFNGMGKRSIEDRVQEEAHCLV
EELRKTASPCDPTFILGCAPCNVICSVVFQKRFDYKD
QNFLTLMKRFNENFRILNSPWIQVCNNFLLIDCFPGT
HNKVLKNVALTRSYIREKVKEHQASLDVNNPRDFIDCF
LIKMEQEKDNQKSEFNENLVGTVADLFVAGTETTSTT
LRYGLLLLLLKHPEVTAKVQEEIDHVIGRHRSPCMQDRS
HMPYTDVAVVHEIQRYSDLVPTGVPHAVTTDTKFRNYLI
PKGTTIMALLTSVLHDDKEFPNPNIFDPGHFLDKNGNF
KKSDYFMPFSAGKRICAGEGLARMELFLFTTILQNFN
LKSVDLKNLNTTAVTKGIVSLPPSYQICFIPV
```

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 82.2

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

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

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1558

Gene Symbol: CYP2C8

Gene Alias: CPC8, MP-12/MP-20

Gene 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 protein localizes to the endoplasmic reticulum and its expression is induced by phenobarbital. The enzyme is known to metabolize many xenobiotics, including the anticonvulsive drug mephenytoin, benzo(a)pyrene, 7-ethoxycoumarin, and the anti-cancer drug taxol. This gene is located within a cluster of cytochrome P450 genes on chromosome 10q24. [provided by RefSeq]