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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CYP2C9 (Human) Recombinant Protein (P01)

Catalog Number: H00001559-P01

Regulation Status: For research use only (RUO)

Product Description: Human CYP2C9 full-length ORF (AAH20754.1, 1 a.a. - 162 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MDSLVLVLCLSCLLLLLSLWRQSSGRGKLPPTPLP
VIGNILQIGIKDISKSLTNLSKVYGPVFTLYFGLKPIVVLH
GYEAVKEALIDLGEFSGRGIFLAERANRFGFIVFSN
GKKWKEIRRFSLMTRLNFGMGKRSIEDRVQEEARCLV
EELRKTGGG

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 43.56

Interspecies Antigen Sequence: Mouse (75); Rat (77)

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: 1559

Gene Symbol: CYP2C9

Gene Alias: CPC9, CYP2C, CYP2C10, MGC149605, MGC88320, P450IIC9

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 rifampin. The enzyme is known to metabolize many xenobiotics, including phenytoin, tolbutamide, ibuprofen and S-warfarin. Studies identifying individuals who are poor metabolizers of phenytoin and tolbutamide suggest that this gene is polymorphic. The gene is located within a cluster of cytochrome P450 genes on chromosome 10q24. [provided by RefSeq]