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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CYP3A7 (Human) Recombinant Protein (Q01)

Catalog Number: H00001551-Q01

Regulation Status: For research use only (RUO)

Product Description: Human CYP3A7 partial ORF (NP_000756, 28 a.a. - 117 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

RTHGLFKKLGIPGPTPLPFLGNALSFRKGYWTFDMEC
YKKYRKVWGIYDCQQPMLAITDPDMIKTVLVKECYSVF
TNRRPFGPVGFMKNA

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 35.64

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: 1551

Gene Symbol: CYP3A7

Gene Alias: CP37, P450-HFLA

Gene Summary: This gene, CYP3A7, 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 enzyme hydroxylates testosterone and dehydroepiandrosterone 3-sulphate, which is involved in the formation of estriol during pregnancy. The enzyme also metabolizes some drugs such as aflatoxin B1. This gene is part of a cluster of cytochrome P450 genes on chromosome 7q21.1. Transcript variants have been described, but it is not known whether these transcripts are normally produced. [provided by RefSeq]