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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CYP7A1 (Human) Recombinant Protein (Q01)

Catalog Number: H00001581-Q01

Regulation Status: For research use only (RUO)

Product Description: Human CYP7A1 partial ORF (NP_000771.2, 179 a.a. - 277 a.a.) recombinant protein with GST tag at N-terminal.

Sequence:

MFEAGYLTIFGRDLTRRDTQKAHILNNLDNFKQFDKVF
PALVAGLPIHMFRTAHNAREKLAESLRHENLQKRESIS
ELISLRMFLNDTLSTFDDLEKAK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 36.63

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: 1581

Gene Symbol: CYP7A1

Gene Alias: CP7A, CYP7, MGC126826, MGC138389

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 endoplasmic reticulum membrane protein catalyzes the first reaction in the cholesterol catabolic pathway in the liver, which converts cholesterol to bile acids. This reaction is the rate limiting step and the major site of regulation of bile acid synthesis, which is the primary mechanism for the removal of cholesterol from the body. [provided by RefSeq]