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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CYP11A1 (Human) Recombinant Protein (Q01)

Catalog Number: H00001583-Q01

Regulation Status: For research use only (RUO)

Product Description: Human CYP11A1 partial ORF (AAH32329, 412 a.a. - 521 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

KTLVQVAIYALGREPTFFFDPENFDPTRWLSKDKNITY
FRNLGFGWGVQRQCLGRRIAELEMTIFLINMLENFRVEI
QHLSDVGTTFNLILMPEKPISFTFWPFNQEATQQ

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 37.95

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: 1583

Gene Symbol: CYP11A1

Gene Alias: CYP11A, P450SCC

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 mitochondrial inner membrane and catalyzes the conversion of cholesterol to pregnenolone, the first and rate-limiting step in the synthesis of the steroid hormones. Two transcript variants encoding different isoforms have been found for this gene. The cellular location of the smaller isoform is unclear since it lacks the mitochondrial-targeting transit peptide. [provided by RefSeq]