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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CYP11B1 (Human) Recombinant Protein (P01)

Catalog Number: H00001584-P01

Regulation Status: For research use only (RUO)

Product Description: Human CYP11B1 full-length ORF (AAH96285.1, 1 a.a. - 574 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MALRAKAEVCMVAVPWLSQLRAQALGTRAARVPRTVL
PFEAMPRRPGNRWLRLLQIWREQGYEDLHLEVHQT
QELGPIFRSRHSASFGRWGRSAARAGLWRCQGRGW
CRANPSSLQRGQDSEALKYDLGGAGMVCVMLPEDVE
KLQQVDSLPHRMSLEPWVAYRQHRGHKCGVFLNV
ADRGNSSPPFPGGIHGAPTHSGCRNGPEWRFNRLRL
NPEVLSPNAVQRFLPMVDAVARDFSQALKKKVLQNA
RGSRLTDVQPSIFHYTIEASNLALFGERLGLVGHSPSSAS
LNFLHALEVMFKSTVQLMFMPRSLSRWTSPKVWKEH
FEAWDCIFQYGDNCIQKIYQELAFSRPQQYTSIVAELL
NAELSPDAIKANSMELTAGSVDTTVFPLLMTL FELARN
PNVQQALRQESLAAAASISEHPQKATTELP LLRAALKE
TLRLYPVGLFLERVASSDLVLQNYHIPAGTLVRVFLYSL
GRNPALFPRPERYNPQRWLDIRGSGRNFYHVPFGFG
MRQCLGRRLAEAEMLLLLHHVLKHLQVETLTQEDIKM
VYSFILRPSMFPLLTFRAIN

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 91.5

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: 1584

Gene Symbol: CYP11B1

Gene Alias: CPN1, CYP11B, DKFZp686B05283, FHI, FLJ36771, P450C11

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 is involved in the conversion of progesterone to cortisol in the adrenal cortex. Mutations in this gene cause congenital adrenal hyperplasia due to 11-beta-hydroxylase deficiency. Transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq]