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- Diagnostik & molekulare Diagnostik
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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

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:
MALRAKAEVCMAVPWLSLQRAQALGTRAARVPRTVL
PFEAMPRRPGNRWLRLLQIWREQGGYEDLHLEVHQTF
QELGPIFRSRHSASFGRWGRSAARAGLWRCQGRGW
CRANPSSLQRGQDSEALKYDLGGAGMVCVMLPEDVE
KLQQVDSLHPHRMSLEPWVAYRQHRGHKCGVFLLNV
ADRGNSSPPFPGGIHGAPTHSGCRNGPEWRFNRLRL
NPEVLSPNAVQRFLPMVDAVARDFSQALKKKVLQNAR
GSLTLDVQPSIFHYTIEASNLALFGERLGLVGHSPSSAS
LNFLHALEVMFKSTVQLMFMPRSLSRWTSPKVWKEH
FEAWDCIFQYGDNCIQKIYQELAFSRPQQYTSIVAELLL
NAELSPDAIKANSMELTAGSVDTTVFPLLMTLFELARN
PNVQQALRQESLAAAASISEHPQKATTELPLLRAALKE
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]