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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CYP17A1 (Human) Recombinant Protein (P01)

Catalog Number: H00001586-P01

Regulation Status: For research use only (RUO)

Product Description: Human CYP17A1 full-length ORF (AAH63388.1, 1 a.a. - 508 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MWELVALLLLTLAYLFWPKRRCPGAKYPKSLLSLPLVG
SLPFLPRHGHMHNNFFKLQKKYGPIYSVRMGTKTTVIV
GHHQLAKEVLIKKGKDFSGRPQMATLDIASNNRKGIAF
ADSGAHWQLHRRLAMATFALFKDGDQKLEKIQEIST
LCDMLATHNGQSISIDISFPVFAVTNVISLICFNTSYKNG
DPELNVIQNYNEGIIDNLSKDSLVDLVPWLKIFPNKTLE
KLKSHVKIRNDLLNKILENYKEKFRSDSITNMLDTLMQA
KMNSDNGNAGPDQDSELLSDNHILTTIGDIFGAGVETT
TSVVKWTLAFLHNPQVKKKLYEEIDQNVGFSRTPTIS
DRNRLLLLLEATIREVLRLRPVAPMLIPHKANVDSSIGEF
AVDKGTEVIINLWALHHNEKEWHQPDQFMPERFLNPA
GTQLISPSVSYLPGAGPRSCIGEILARQELFLIMAWLL
QRFDLEVPDDGQLPSLEGIPKVVFLIDSFVKIKVRQA
WREAQAEGST

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 81.62

Interspecies Antigen Sequence: Mouse (67)

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: 1586

Gene Symbol: CYP17A1

Gene Alias: CPT7, CYP17, P450C17, S17AH

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 endoplasmic reticulum. It has both 17 α -hydroxylase and 17,20-lyase activities and is a key enzyme in the steroidogenic pathway that produces progestins, mineralocorticoids, glucocorticoids, androgens, and estrogens. Mutations in this gene are associated with isolated steroid-17 α -hydroxylase deficiency, 17- α -hydroxylase/17,20-lyase deficiency, pseudohermaphroditism, and adrenal hyperplasia. [provided by RefSeq]