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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CYP51A1 (Human) Recombinant Protein (Q01)

Catalog Number: H00001595-Q01

Regulation Status: For research use only (RUO)

Product Description: Human CYP51A1 partial ORF (NP_000777, 410 a.a. - 509 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

SPTVNQRLKDSWVERLDFNPDRYLQDNPASGEKFAY
VPGAGRHRGIGENFAYVQIKTIWSTMLRLYEFDLIDG
YFPTVNYTTMIHTPENPVIRYKRRSK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 36.74

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: 1595

Gene Symbol: CYP51A1

Gene Alias: CP51, CYP51, CYPL1, LDM, P450-14DM, P450L1

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 protein participates in the synthesis of cholesterol by catalyzing the removal of the 14 α -methyl group from lanosterol. Homologous genes are found in all three eukaryotic phyla, fungi, plants, and animals, suggesting that this is one of the oldest cytochrome P450 genes. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]