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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CYP27A1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00001593-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

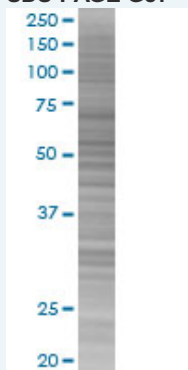
Plasmid: pCMV-CYP27A1 full-length

Host: Human

Theoretical MW (kDa): 60.2

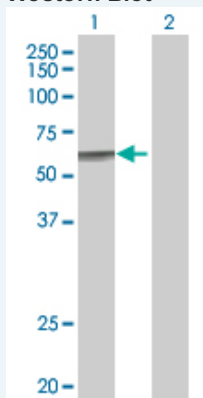
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-CYP27A1 antibody ([H00001593-B01](#)) by Western Blots.

SDS-PAGE Gel



CYP27A1 transfected lysate.

Western Blot



Lane 1: CYP27A1 transfected lysate (60.2 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Applications

Western Blot

Gene Information

Entrez GeneID: [1593](#)

GeneBank [NM_000784.2](#)
Accession#:

Protein =
Accession#:

Gene Name: CYP27A1

Gene Alias: CP27,CTX,CYP27

Gene Description: cytochrome P450, family 27, subfamily A, polypeptide 1

Omim ID: [213700](#), [606530](#)

Gene Ontology: [Hyperlink](#)

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 mitochondrial protein oxidizes cholesterol intermediates as part of the bile synthesis pathway. Since the conversion of cholesterol to bile acids is the major route for removing cholesterol from the body, this protein is important for overall cholesterol homeostasis. Mutations in this gene cause cerebrotendinous xanthomatosis, a rare autosomal recessive lipid storage disease. [provided by RefSeq]

Other Designations: 5-beta-cholestane-3-alpha, 7-alpha, 12-alpha-triol 26-hydroxylase,5-beta-cholestane-3-alpha, 7-alpha, 12-alpha-triol 27-hydroxylase,cholestanetriol 26-monooxygenase,cytochrome P-450C27/25,cytochrome P450, subfamily XXVIIA (steroid 27-hydroxylase, cerebrot

Gene Pathway

[Metabolic pathways](#) [PPAR signaling pathway](#) [Primary bile acid biosynthesis](#)

Related Disease

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