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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CYP11B1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00001584-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

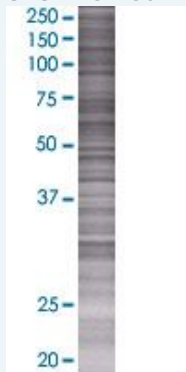
Plasmid: pCMV-CYP11B1 full-length

Host: Human

Theoretical MW (kDa): 63.25

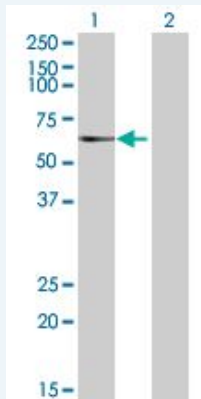
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-CYP11B1 antibody ([H00001584-B01](#)) by Western Blots.

SDS-PAGE Gel



CYP11B1 transfected lysate.

Western Blot



Lane 1: CYP11B1 transfected lysate (63.25 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

Application Image

Western Blot

Western Blot

Gene Information

Entrez GeneID: [1584](#)

GeneBank [BC096285.3](#)
Accession#:

Protein [AAH96285.1](#)
Accession#:

Gene Name: CYP11B1

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

Gene Description: cytochrome P450, family 11, subfamily B, polypeptide 1

Omim ID: [103900](#), [202010](#), [610613](#)

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 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]

Other Designations: cytochrome P450, subfamily XIB (steroid 11-beta-hydroxylase), polypeptide 1,cytochrome p450 XIB1,steroid 11-beta-hydroxylase,steroid 11-beta-monooxygenase

Gene Pathway

[Androgen and estrogen metabolism](#) [C21-Steroid hormone metabolism](#) [Metabolic pathways](#)

Related Disease

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