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- Mindermengenzuschlag
- Trockeneiszuschlag
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CYP3A7 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00001551-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

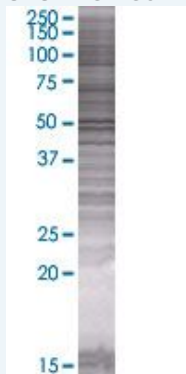
Plasmid: pCMV-CYP3A7 full-length

Host: Human

Theoretical MW (kDa): 57.5

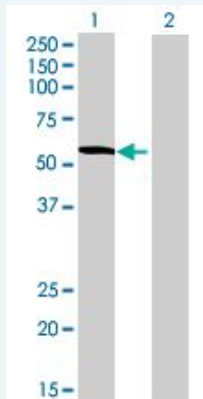
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-CYP3A7 antibody (H00001551-B01) by Western Blots.

SDS-PAGE Gel



CYP3A7 transfected lysate.

Western Blot



Lane 1: CYP3A7 transfected lysate (57.5 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: [1551](#)

GeneBank [NM_000765.2](#)
Accession#:

Protein [NP_000756.1](#)
Accession#:

Gene Name: CYP3A7

Gene Alias: CP37,P450-HFLA

Gene Description: cytochrome P450, family 3, subfamily A, polypeptide 7

Omim ID: [605340](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene, CYP3A7, 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 enzyme hydroxylates testosterone and dehydroepiandrosterone 3-sulphate, which is involved in the formation of estriol during pregnancy. The enzyme also metabolizes some drugs such as aflatoxin B1. This gene is part of a cluster of cytochrome P450 genes on chromosome 7q21.1. Transcript variants have been described, but it is not known whether these transcripts are normally produced. [provided by RefSeq]

Other Designations: aryl hydrocarbon hydroxylase,cytochrome P450, subfamily IIIA, polypeptide 7,flavoprotein-linked monooxygenase,microsomal monooxygenase,xenobiotic monooxygenase

Gene Pathway

[Drug metabolism - cytochrome P450](#) [Drug metabolism - other enzymes](#)
[gamma-Hexachlorocyclohexane degradation](#) [Linoleic acid metabolism](#) [Metabolic pathways](#)
[Metabolism of xenobiotics by cytochrome P450](#) [Retinol metabolism](#)

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