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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
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- Expressversand

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CYP3A5 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00001577-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

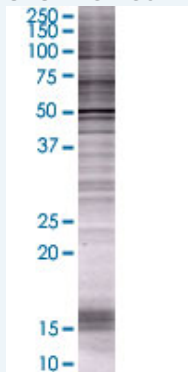
Plasmid: pCMV-CYP3A5 full-length

Host: Human

Theoretical MW (kDa): 55.33

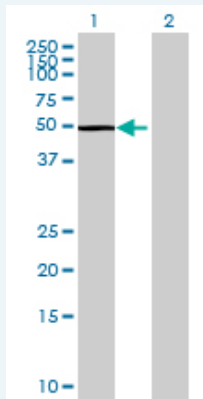
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-CYP3A5 antibody (H00001577-B01) by Western Blots.

SDS-PAGE Gel



CYP3A5 transfected lysate.

Western Blot



Lane 1: CYP3A5 transfected lysate (55.33 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: [1577](#)

GeneBank [NM_000777.2](#)
Accession#:

Protein [AAH33862.1](#)
Accession#:

Gene Name: CYP3A5

Gene Alias: CP35,P450PCN3,PCN3

Gene Description: cytochrome P450, family 3, subfamily A, polypeptide 5

Omim ID: [145500](#), [605325](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene, CYP3A5, 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 and its expression is induced by glucocorticoids and some pharmacological agents. The enzyme metabolizes drugs such as nifedipine and cyclosporine as well as the steroid hormones testosterone, progesterone and androstenedione. This gene is part of a cluster of cytochrome P450 genes on chromosome 7q21.1. This cluster includes a pseudogene, CYP3A5P1, which is very similar to CYP3A5. This similarity has caused some difficulty in determining whether cloned sequences represent the gene or the pseudogene. [provided by RefSeq]

Other Designations: aryl hydrocarbon hydroxylase, cytochrome P-450, cytochrome P450, subfamily IIIA (nifedipine oxidase), polypeptide 5, flavoprotein-linked monooxygenase, microsomal monooxygenase, nifedipine oxidase, 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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