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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CYP1A1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00001543-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

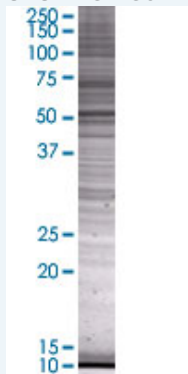
Plasmid: pCMV-CYP1A1 full-length

Host: Human

Theoretical MW (kDa): 56.43

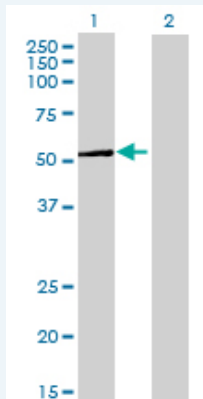
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-CYP1A1 antibody ([H00001543-B01](#)) by Western Blots.

SDS-PAGE Gel



CYP1A1 transfected lysate.

Western Blot



Lane 1: CYP1A1 transfected lysate (56.43 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: [1543](#)

GeneBank [NM_000499.2](#)
Accession#:

Protein [NP_000490.1](#)
Accession#:

Gene Name: CYP1A1

Gene Alias: AHH,AHRR,CP11,CYP1,P1-450,P450-C,P450DX

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

Omim ID: [108330](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene, CYP1A1, 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 some polycyclic aromatic hydrocarbons (PAHs), some of which are found in cigarette smoke. The enzyme's endogenous substrate is unknown; however, it is able to metabolize some PAHs to carcinogenic intermediates. The gene has been associated with lung cancer risk. A related family member, CYP1A2, is located approximately 25 kb away from CYP1A1 on chromosome 15. [provided by RefSeq]

Other Designations: aryl hydrocarbon hydroxylase,cytochrome P1-450, dioxin-inducible,cytochrome P450 1A1,cytochrome P450, subfamily I (aromatic compound-inducible), polypeptide 1,flavoprotein-linked monooxygenase,xenobiotic monooxygenase

Gene Pathway

[Metabolism of xenobiotics by cytochrome P450](#) [Retinol metabolism](#) [Tryptophan metabolism](#)

Related Disease

[Abortion, Habitual](#) [Acute Disease](#) [Adenocarcinoma](#) [Adenocarcinoma, Clear Cell](#) [Adenocarcinoma, Mucinous](#) [Adenoma](#) [Liver Cell](#) [Alcoholism](#) [Alcohol-Related Disorders](#) [Alzheimer Disease](#) [Alzheimer disease](#) [Amyotrophic Lateral Sclerosis](#) [Amyotrophic lateral sclerosis](#) [Anemia, Aplastic](#) [Anemia, Iron-Deficiency](#) [Arteriosclerosis](#) [Arthritis, Psoriatic](#) [Arthritis, Reactive](#) [Arthritis, Rheumatoid](#)

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