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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CYP2D6 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00001565-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

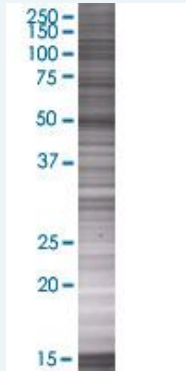
Plasmid: pCMV-CYP2D6 full-length

Host: Human

Theoretical MW (kDa): 54.78

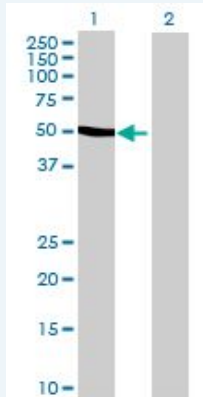
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-CYP2D6 antibody ([H00001565-B01](#)) by Western Blots.

SDS-PAGE Gel



CYP2D6 transfected lysate.

Western Blot



Lane 1: CYP2D6 transfected lysate (54.78 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: [1565](#)

GeneBank [BC075023.2](#)
Accession#:

Protein [AAH75023.1](#)
Accession#:

Gene Name: CYP2D6

Gene Alias: CPD6,CYP2D,CYP2D@,CYP2DL1,MGC120389,MGC120390,P450-DB1,P450C2D,P450DB1

Gene Description: cytochrome P450, family 2, subfamily D, polypeptide 6

Omim ID: [124030](#)

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 endoplasmic reticulum and is known to metabolize as many as 20% of commonly prescribed drugs. Its substrates include debrisoquine, an adrenergic-blocking drug; sparteine and propafenone, both anti-arrhythmic drugs; and amitriptyline, an anti-depressant. The gene is highly polymorphic in the population; certain alleles result in the poor metabolizer phenotype, characterized by a decreased ability to metabolize the enzyme's substrates. The gene is located near two cytochrome P450 pseudogenes on chromosome 22q13.1. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations: cytochrome P450 2D6,cytochrome P450, subfamily IID (debrisoquine, sparteine, etc., -metabolizing), polypeptide 6,cytochrome P450, subfamily IID (debrisoquine, sparteine, etc., -metabolizing)-like 1,debrisoquine 4-hydroxylase,flavoprotein-linked monooxygen

Gene Pathway

[Biosynthesis of alkaloids derived from shikimate pathway](#)

[Drug metabolism - cytochrome P450](#)

Related Disease

[Abortion](#), [Habitual Acute Disease Adenocarcinoma Adenocarcinoma](#), [Papillary Adenoma Agranulocytosis Akathisia](#), [Drug-Induced Alcohol-Related Disorders Alzheimer Disease Alzheimer disease Amphetamine-Related Disorders Anemia](#), [Sickle Cell Anemia](#), [sickle cell Anxiety Disorders Apnea Arrhythmia Arthritis](#), [Rheumatoid Asthma Asthma](#)

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