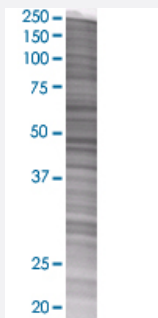


CYP2R1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00120227-T01

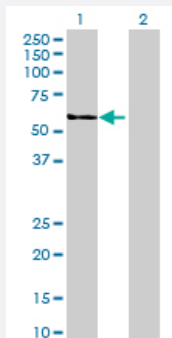
Size 100 uL

Applications



SDS-PAGE Gel

CYP2R1 transfected lysate.



Western Blot

Lane 1: CYP2R1 transfected lysate (55.22 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CYP2R1 full-length
Host	Human
Theoretical MW (kDa)	55.22
Interspecies Antigen Sequence	Mouse (88); Rat (90)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CYP2R1 antibody ([H00120227-B01](#)) by Western Blots.
SDS-PAGE Gel
CYP2R1 transfected lysate.
Western Blot
Lane 1: CYP2R1 transfected lysate (55.22 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.

Applications

- Western Blot

Gene Info — CYP2R1

Entrez GeneID

[120227](#)

GeneBank Accession#

[NM_024514.4](#)

Protein Accession#

[NP_078790.2](#)

Gene Name

CYP2R1

Gene Alias

MGC4663

Gene Description

cytochrome P450, family 2, subfamily R, polypeptide 1

Omim ID

[600081 608713](#)

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 enzyme is a microsomal vitamin D hydroxylase that converts vitamin D into the active ligand for the vitamin D receptor. A mutation in this gene has been associated with selective 25-hydroxyvitamin D deficiency. [provided by RefSeq]

Other Designations

cytochrome P450, family 2, R1|vitamin D 25-hydroxylase

Disease

- [Asthma](#)
- [Diabetes](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)
- [Obesity](#)
- [Vitamin D Deficiency](#)