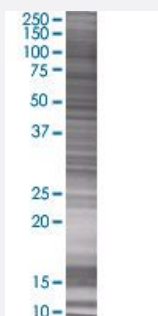


CYP3A43 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00064816-T01

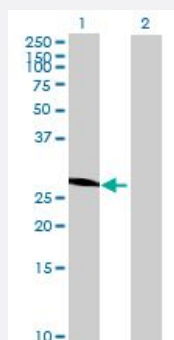
Size 100 uL

Applications



SDS-PAGE Gel

CYP3A43 transfected lysate.



Western Blot

Lane 1: CYP3A43 transfected lysate (30.91 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-CYP3A43 full-length

Host Human

Theoretical MW (kDa) 30.91

Quality Control Testing Transient overexpression cell lysate was tested with Anti-CYP3A43 antibody ([H00064816-B01](#)) by Western Blots.
 SDS-PAGE Gel
 CYP3A43 transfected lysate.
 Western Blot
 Lane 1: CYP3A43 transfected lysate (30.91 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 — CYP3A43

Entrez GeneID	64816
GeneBank Accession#	BC100982.2
Protein Accession#	AAI00983.1
Gene Name	CYP3A43
Gene Alias	MGC119315, MGC119316
Gene Description	cytochrome P450, family 3, subfamily A, polypeptide 43
Omim ID	606534
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 has a low level of testosterone hydroxylase activity. Although it bears homology to some drug-metabolizing cytochrome P450s, it is unknown whether the enzyme is also involved in xenobiotic metabolism. This gene is part of a cluster of cytochrome P450 genes on chromosome 7q21.1. Alternate splicing of this gene results in three transcript variants encoding different isoforms. [provided by RefSeq]
Other Designations	cytochrome P450 polypeptide 43 cytochrome P450, subfamily IIIA, polypeptide 43

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](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Inflammation](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Precancerous Conditions](#)
- [Prostate cancer](#)
- [Prostatic Hyperplasia](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)