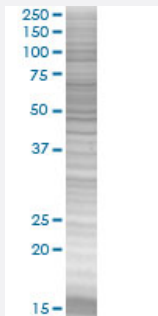


UGT1A9 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00054600-T01

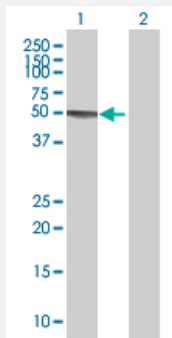
Size 100 uL

Applications



SDS-PAGE Gel

UGT1A9 transfected lysate.



Western Blot

Lane 1: UGT1A9 transfected lysate (59.9 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-UGT1A9 full-length
Host	Human
Theoretical MW (kDa)	59.9
Interspecies Antigen Sequence	Mouse (78); Rat (79)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-UGT1A9 antibody ([H00054600-B01](#)) by Western Blots.
SDS-PAGE Gel
UGT1A9 transfected lysate.
Western Blot
Lane 1: UGT1A9 transfected lysate (59.9 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 — UGT1A9

Entrez GeneID

[54600](#)

GeneBank Accession#

[NM_021027.2](#)

Protein Accession#

-

Gene Name

UGT1A9

Gene Alias

HLUGP4, LUGP4, UDPGT, UGT1A1

Gene Description

UDP glucuronosyltransferase 1 family, polypeptide A9

Omim ID

[606434](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a UDP-glucuronosyltransferase, an enzyme of the glucuronidation pathway that transforms small lipophilic molecules, such as steroids, bilirubin, hormones, and drugs, into water-soluble, excretable metabolites. This gene is part of a complex locus that encodes several UDP-glucuronosyltransferases. The locus includes thirteen unique alternate first exons followed by four common exons. Four of the alternate first exons are considered pseudogenes. Each of the remaining nine 5' exons may be spliced to the four common exons, resulting in nine proteins with different N-termini and identical C-termini. Each first exon encodes the substrate binding site, and is regulated by its own promoter. The enzyme encoded by this gene is active on phenols. [provided by RefSeq]

Other Designations

UDP glycosyltransferase 1 family, polypeptide A9|UDP-glucuronosyltransferase 1A9

Pathway

- [Androgen and estrogen metabolism](#)
- [Ascorbate and aldarate metabolism](#)
- [Drug metabolism - cytochrome P450](#)
- [Drug metabolism - other enzymes](#)
- [Metabolic pathways](#)
- [Metabolism of xenobiotics by cytochrome P450](#)
- [Pentose and glucuronate interconversions](#)
- [Porphyrin and chlorophyll metabolism](#)
- [Retinol metabolism](#)
- [Starch and sucrose metabolism](#)

Disease

- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Diarrhea](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Gastrointestinal Diseases](#)

- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)
- [Leukopenia](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Malaria](#)
- [Mucocutaneous Lymph Node Syndrome](#)
- [Neoplasm Metastasis](#)
- [Neoplasms](#)
- [Neutropenia](#)
- [Ovarian cancer](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Tobacco Use Disorder](#)