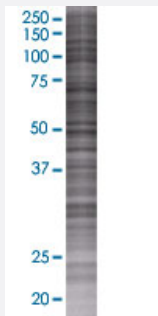


DHDH 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00027294-T01

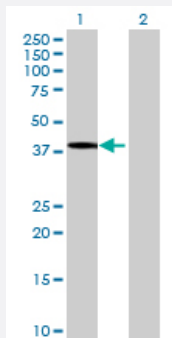
Size 100 uL

Applications



SDS-PAGE Gel

DHDH transfected lysate.



Western Blot

Lane 1: DHDH transfected lysate (36.85 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-DHDH full-length
Host	Human
Theoretical MW (kDa)	36.85
Interspecies Antigen Sequence	Mouse (78); Rat (77)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-DHDH antibody ([H00027294-B01](#)) by Western Blots.
SDS-PAGE Gel
DHDH transfected lysate.
Western Blot
Lane 1: DHDH transfected lysate (36.85 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 — DHDH

Entrez GeneID[27294](#)**GeneBank Accession#**[NM_014475.2](#)**Protein Accession#**[NP_055290.1](#)**Gene Name**

DHDH

Gene Alias

HUM2DD

Gene Description

dihydrodiol dehydrogenase (dimeric)

Omim ID[606377](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes an enzyme that belongs to the family of dihydrodiol dehydrogenases, which exist in multiple forms in mammalian tissues and are involved in the metabolism of xenobiotics and sugars. These enzymes catalyze the NADP1-linked oxidation of transdihydrodiols of aromatic hydrocarbons to corresponding catechols. This enzyme is a dimeric dihydrodiol dehydrogenase, and it differs from monomeric dihydrodiol dehydrogenases in its high substrate specificity for trans-dihydrodiols of aromatic hydrocarbons in the oxidative direction. [provided by RefSeq]

Other Designations

3-deoxyglucosone reductase|dimeric dihydrodiol dehydrogenase

Pathway

- [Metabolism of xenobiotics by cytochrome P450](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Lung Neoplasms](#)
- [Occupational Diseases](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)