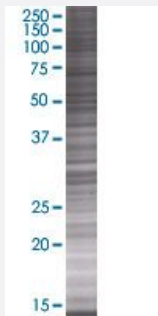


DHCR24 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001718-T01

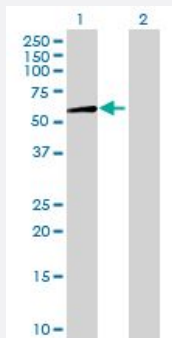
Size 100 uL

Applications



SDS-PAGE Gel

DHCR24 transfected lysate.



Western Blot

Lane 1: DHCR24 transfected lysate (56.87 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-DHCR24 full-length
Host	Human
Theoretical MW (kDa)	56.87
Interspecies Antigen Sequence	Mouse (97); Rat (97)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-DHCR24 antibody ([H00001718-B01](#)) by Western Blots.
SDS-PAGE Gel
DHCR24 transfected lysate.
Western Blot
Lane 1: DHCR24 transfected lysate (56.87 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 — DHCR24

Entrez GeneID [1718](#)

GeneBank Accession# [NM_014762.2](#)

Protein Accession# [NP_055577.1](#)

Gene Name DHCR24

Gene Alias KIAA0018, Nbla03646, SELADIN1, seladin-1

Gene Description 24-dehydrocholesterol reductase

Omim ID [602398 606418](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene encodes a flavin adenine dinucleotide (FAD)-dependent oxidoreductase which catalyzes the reduction of the delta-24 double bond of sterol intermediates during cholesterol biosynthesis. The protein contains a leader sequence that directs it to the endoplasmic reticulum membrane. Missense mutations in this gene have been associated with desmosterolosis. Also, reduced expression of the gene occurs in the temporal cortex of Alzheimer disease patients and overexpression has been observed in adrenal gland cancer cells. [provided by RefSeq]

Other Designations

3 beta-hydroxysterol delta 24-reductase|OTTHUMP00000011685|diminuto/dwarf1 homolog|putative protein product of Nbla03646|selective AD indicator 1

Pathway

- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Biosynthesis of plant hormones](#)
- [Biosynthesis of terpenoids and steroids](#)
- [Metabolic pathways](#)
- [Steroid biosynthesis](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diseases in Twins](#)
- [Ductus Arteriosus](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Lung Neoplasms](#)
- [Obstetric Labor](#)