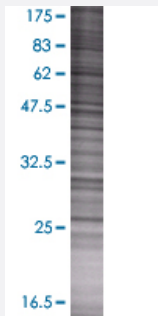


DCI 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001632-T01

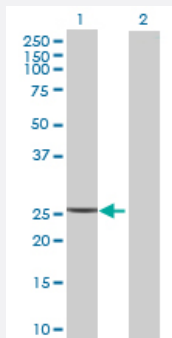
Size 100 uL

Applications



SDS-PAGE Gel

DCI transfected lysate.



Western Blot

Lane 1: DCI transfected lysate (26.84 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-DCI full-length
Host	Human
Theoretical MW (kDa)	26.84
Interspecies Antigen Sequence	Mouse (76); Rat (79)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-DCI antibody ([H00001632-B01](#)) by Western Blots.
 SDS-PAGE Gel
 DCI transfected lysate.
 Western Blot
 Lane 1: DCI transfected lysate (26.84 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 — DCI

Entrez GeneID

[1632](#)

GeneBank Accession#

[BC009631.1](#)

Protein Accession#

[AAH09631.1](#)

Gene Name

DCI

Gene Alias

-

Gene Description

dodecenoyl-Coenzyme A delta isomerase (3,2 trans-enoyl-Coenzyme A isomerase)

Omim ID

[600305](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a member of the hydratase/isomerase superfamily. The protein encoded is a key mitochondrial enzyme involved in beta-oxidation of unsaturated fatty acids. It catalyzes the transformation of 3-cis and 3-trans-enoyl-CoA esters arising during the stepwise degradation of cis-, mono-, and polyunsaturated fatty acids to the 2-trans-enoyl-CoA intermediates. Alternatively spliced transcript variants have been described, but their full-length nature has not been determined. [provided by RefSeq]

Other Designations

3,2 trans-enoyl-Coenzyme A isomerase|D3,D2-enoyl-CoA isomerase|acetylene-allene isomerase|delta3, delta2-enoyl-CoA isomerase|dodecenoyl-CoA delta isomerase|dodecenoyl-Coenzyme A delta isomerase

Pathway

- [Fatty acid metabolism](#)