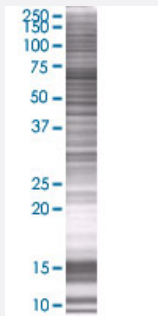


CROT 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00054677-T01

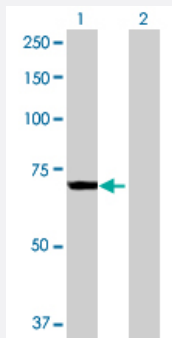
Size 100 uL

Applications



SDS-PAGE Gel

CROT transfected lysate.



Western Blot

Lane 1: CROT transfected lysate (67.43 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CROT full-length
Host	Human
Theoretical MW (kDa)	67.43
Interspecies Antigen Sequence	Mouse (85); Rat (84)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CROT antibody ([H00054677-B01](#)) by Western Blots.
SDS-PAGE Gel
CROT transfected lysate.
Western Blot
Lane 1: CROT transfected lysate (67.43 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 — CROT

Entrez GeneID

[54677](#)

GeneBank Accession#

[NM_021151.2](#)

Protein Accession#

[NP_066974.2](#)

Gene Name

CROT

Gene Alias

COT

Gene Description

carnitine O-octanoyltransferase

Omim ID

[606090](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a member of the carnitine/choline acetyltransferase family. The encoded protein converts 4,8-dimethylnonanoyl-CoA to its corresponding carnitine ester. This transesterification occurs in the peroxisome and is necessary for transport of medium- and long- chain acyl-CoA molecules out of the peroxisome to the cytosol and mitochondria. The protein thus plays a role in lipid metabolism and fatty acid beta-oxidation. Alternatively spliced transcript variants have been described

Other Designations

peroxisomal carnitine O-octanoyltransferase|peroxisomal carnitine acyltransferase|peroxisomal carnitine octanoyltransferase

Disease

- [Tobacco Use Disorder](#)