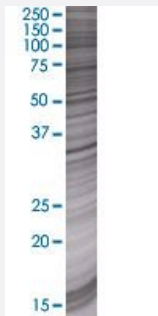


ACOT8 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00010005-T01

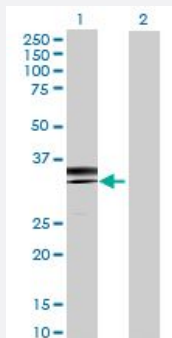
Size 100 uL

Applications



SDS-PAGE Gel

ACOT8 transfected lysate.



Western Blot

Lane 1: ACOT8 transfected lysate (35.2 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ACOT8 full-length
Host	Human
Theoretical MW (kDa)	35.2
Interspecies Antigen Sequence	Mouse (85); Rat (85)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ACOT8 antibody ([H00010005-B01](#)) by Western Blots.
SDS-PAGE Gel
ACOT8 transfected lysate.
Western Blot
Lane 1: ACOT8 transfected lysate (35.2 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 — ACOT8

Entrez GeneID [10005](#)

GeneBank Accession# [NM_005469.2](#)

Protein Accession# [NP_005460.2](#)

Gene Name ACOT8

Gene Alias HNAACTE, PTE-2, PTE1, PTE2, hACTE-III, hTE

Gene Description acyl-CoA thioesterase 8

Omim ID [608123](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is a peroxisomal thioesterase that appears to be involved more in the oxidation of fatty acids rather than in their formation. The encoded protein can bind to the human immunodeficiency virus-1 protein Nef, and mediate Nef-induced down-regulation of CD4 in T-cells. Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

HIV-Nef associated acyl-CoA thioesterase|OTTHUMP00000031675|long-chain fatty-acyl-CoA hydrolase|palmitoyl-CoA hydrolase|peroxisomal acyl-CoA thioesterase 1|peroxisomal acyl-coenzyme A thioester hydrolase 1|peroxisomal long-chain acyl-CoA thioesterase 1|th