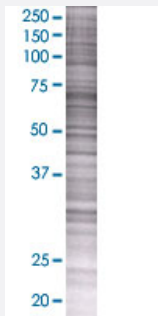


OLR1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00004973-T01

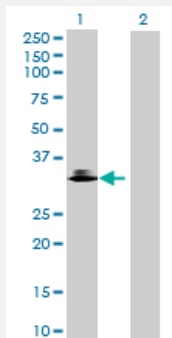
Size 100 uL

Applications



SDS-PAGE Gel

OLR1 transfected lysate.



Western Blot

Lane 1: OLR1 transfected lysate (30.14 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-OLR1 full-length
Host	Human
Theoretical MW (kDa)	30.14
Interspecies Antigen Sequence	Mouse (44); Rat (50)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-OLR1 antibody ([H00004973-B01](#)) by Western Blots.
 SDS-PAGE Gel
 OLR1 transfected lysate.
 Western Blot
 Lane 1: OLR1 transfected lysate (30.14 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 — OLR1

Entrez GeneID

[4973](#)

GeneBank Accession#

[NM_002543.2](#)

Protein Accession#

[NP_002534.1](#)

Gene Name

OLR1

Gene Alias

CLEC8A, LOX1, SCARE1

Gene Description

oxidized low density lipoprotein (lectin-like) receptor 1

Omim ID

[602601](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a receptor protein which belongs to the C-type lectin superfamily. This gene is regulated through the cyclic AMP signaling pathway. The encoded protein binds, internalizes and degrades oxidized low-density lipoprotein. This protein may be involved in the regulation of Fas-induced apoptosis. This protein may play a role as a scavenger receptor. Mutations of this gene have been associated with atherosclerosis, risk of myocardial infarction, and may modify the risk of Alzheimer's disease. Alternative transcript variants have been described but their full-length sequence has not been determined. [provided by RefSeq]

Other Designations

lectin-type oxidized LDL receptor 1|oxidised low density lipoprotein (lectin-like) receptor 1|scavenger receptor class E, member 1

Pathway

- [PPAR signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Cerebral Amyloid Angiopathy](#)
- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Stenosis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)
- [Kidney Failure](#)
- [Myocardial Infarction](#)

- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)
- [Stroke](#)
- [Thrombosis](#)
- [Tobacco Use Disorder](#)
- [Werner syndrome](#)