

Datasheet for ABIN7538464

**OLR1 Protein (Fc Tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	50 µg
Target:	OLR1
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This OLR1 protein is labelled with Fc Tag.

## Product Details

Purpose:	Recombinant Human LOX-1 Protein with N-terminal human Fc tag
Specificity:	HFc (Glu99-Ala330) LOX-1 (Met58-Gln273)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

## Target Details

Target:	OLR1
Alternative Name:	LOX-1 ( <a href="#">OLR1 Products</a> )
Background:	This gene encodes a low density lipoprotein receptor that 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

Target Details

	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. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Feb 2010]
Molecular Weight:	predicted molecular mass of 50.9 kDa after removal of the signal peptide. The apparent molecular mass of hFc-LOX-1 is 55-70 kDa due to glycosylation.
UniProt:	<a href="#">P78380</a>

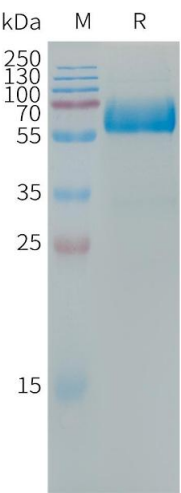
Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months

Images



**SDS-PAGE**

**Image 1.** Human LOX-1 Protein, hFc Tag on SDS-PAGE under reducing condition.