

PRODUCT INFORMATION

LOX-1 **Target**

Synonyms CLEC8A;LOX1;LOXIN;SCARE1;SLOX1;OLR1

Recombinant Human LOX-1 Protein with N-**Description**

terminal human Fc tag

Delivery In Stock **Uniprot ID** P78380 **Expression Host HEK293**

Tag N-Human Fc Tag

Molecular

Background

hFc(Glu99-Ala330) LOX-1(Met58-Gln273) Characterization

The protein has a predicted molecular mass of **Molecular Weight**

50.9 kDa after removal of the signal peptide. The apparent molecular mass of hFc-LOX-1 is

approximately 55-70 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

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 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]

Usage Research use only Conjugate Unconjugated







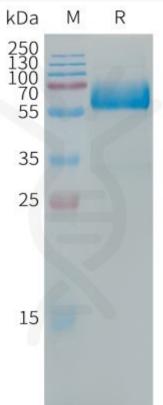


Figure 1.Human LOX-1 Protein, hFc Tag on SDS-PAGE under reducing condition.

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