Oxidized low-density lipoprotein receptor 1 Human HEK293

Product Data Sheet

Type: Recombinant
Source: HEK293
Species: Human
Other names: Ox-LDL receptor 1, C-type lectin domain family 8 member A, Lectin-like oxidized LDL receptor 1, LOX-1, Lectin-like oxLDL receptor 1, hLOX-1, Lectin-type oxidized LDL receptor 1, OLR1, CLEC8A, SCARE1, SR-E1, LOX1

Cat. No.:
RD172143100 (0.1 mg)

Description

Total 221 AA. MW: 25.3 kDa (calculated). UniProtKB acc. No. P78380 (Ser61-Gln273). N-terminal flag-tag (8 AA). Protein identity confirmed by LC-MS/MS.

Amino Acid Sequence

DYKDDDDKSQ VSDLLTQEQA NLTHQKKKLE GQISARQQAE EASQESENEL KEMIETLARK LNEKSKEQME LHHQNLNLQE TLKRVANCSA PCPQDWIWHG ENCYLFSSGS FNWEKSQEKC LSLDAKLLKI NSTADLDFIQ QAISYSSFPF WMGLSRRNPS YPWLWEDGSP LMPHLFRVRG AVSQTYPSGT CAYIQRGAVY AENCILAAFS ICQKKANLRA Q

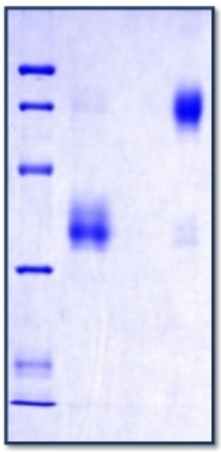
Source

HEK293

Purity

Purity as determined by densitometric image analysis: > 95 %

SDS-PAGE gel



12 % SDS-PAGE separation of Human sLOX1 (Flag tag):

1. M.W. marker - 14, 21, 31, 45, 66, 97 kDa

2. Reduced and boiled sample, 2.5 µg/lane

3. Non-reduced and non-boiled sample, 2.5 µg/lane

Endotoxin

< 1.0 EU/µg

Formulation

Filtered (0.4 µm) and lyophilized from phosphate buffered saline pH 7.5.

Reconstitution

Add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. Filter sterilize your culture media/working solutions containing this non-sterile product before using in cell culture.

Shipping

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage, Stability/Shelf Life

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted protein can be stored at 4 °C for a week.

Quality Control Test

BCA to determine quantity of the protein.
SDS-PAGE to determine purity of the protein.
LAL TEST to determine endotoxin level.

Applications

Cell culture and/or animal studies, ELISA, Western blotting

Note

This product is intended for research use only.

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