

Human OLR1/LOX1 (His Tag) recombinant protein



Catalog Number: 503029

General Information

Gene Name Synonym

C-type lectin domain family 8 member A; Lectin-like oxidized LDL receptor 1; Lectin-type oxidized LDL receptor 1; Oxidized low-density lipoprotein receptor 1, soluble form

Protein Construction

A DNA sequence encoding the human OLR1 (P78380) extracellular domain (Ser 61-Gln 273) was expressed, with a polyhistidine tag at the N-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 85 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

His

Molecular Mass

The recombinant human OLR1 consists of 229 amino acids and has a calculated molecular mass of 26.5 kDa. It exists as a disulfide-linked homodimer. As a result of glycosylation, the apparent molecular mass of rhOLR1 is approximately 30-35 kDa in SDS-PAGE under reducing conditions, and 60-70 kDa in non-reduced SDS-PAGE.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

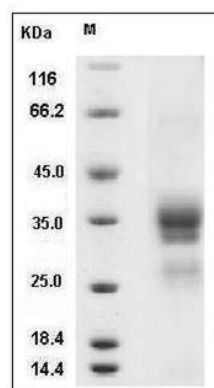
Storage

Store it under sterile conditions at -20°C to -80°C . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human OLR1 / LOX1 Protein (His Tag) SDS-PAGE