

# Recombinant Human LOX-1/OLR1 Protein

Catalog No.: RP01189 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	4973	P78380

### Tags

C-His

### Synonyms

OLR1;CLEC8A;LOX1;LOXIN;SCARE1;SLOX  
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## Product Information

Source	Purification
HEK293 cells	> 85% by SDS- PAGE.

Calculated MW	Observed MW
25.18 kDa	30-35 kDa

### Endotoxin

< 0.1 EU/μg of the protein by LAL  
method.

### Formulation

Lyophilized from a 0.22 μm filtered  
solution of PBS, pH 7.4. Contact us for  
customized product form or formulation.

### Reconstitution

Centrifuge the vial before opening.  
Reconstitute to a concentration of  
0.1-0.5 mg/mL in sterile distilled water.  
Avoid vortex or vigorously pipetting the  
protein. For long term storage, it is  
recommended to add a carrier protein or  
stabilizer (e.g. 0.1% BSA, 5% HSA, 10%  
FBS or 5% Trehalose), and aliquot the  
reconstituted protein solution to  
minimize free-thaw cycles.

## Contact

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## Background

### Basic Information

#### Description

Recombinant Human LOX-1/OLR1 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ser61-Gln273) of human LOX-1/OLR1 (Accession #NP\_002534.1) fused with a 6×His tag at the C-terminus.

#### Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized Human OLR1 (Catalog: RP01189) at 1 μg/mL (100 μL/well) can bind Anti-hLOX-1/OLR1 with a linear range of 0.049-3.66 ng/mL.

#### Storage

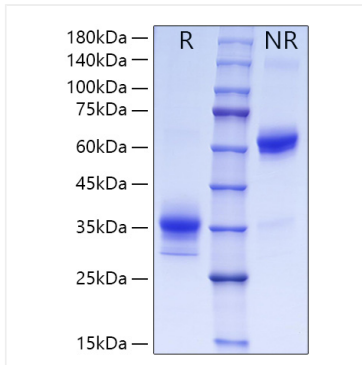
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

## Validation Data

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Recombinant Human LOX-1/OLR1 Protein was resolved with SDS PAGE under reducing (R) and non-reducing (NR) conditions, showing single bands at 30-35 kDa and 60-70kDa, respectively.