

Recombinant Rat OLR1 protein(Leu60-Gln364), hFc-tagged

Cat. No. OLR1-2382R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat OLR1 (O70156) (Leu60-Gln364) was expressed in HEK293 with Fc region of Human IgG1 at the N-terminus.
Species	Rat
Source	HEK293
ProteinLength	Leu60-Gln364
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant rat OLR1 comprises 565 amino acids and predicts a molecular mass of 63.9 kDa. The apparent molecular mass of the recombinant protein is approximately 66 and 35 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	>90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. 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.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Olr1 oxidized low density lipoprotein \(lectin-like\) receptor 1 \[Rattus norvegicus \]](#)

Official Symbol [OLR1](#)

Synonyms OLR1; oxidized low density lipoprotein (lectin-like) receptor 1; oxidized low-density lipoprotein receptor 1; ox-LDL receptor 1; lectin-like oxLDL receptor 1; lectin-like oxidized LDL receptor 1; lectin-type oxidized LDL receptor 1; lectin-like oxidized low-density lipoprotein receptor; Lectin-like oxidized low-density lipoprotein receptor-1; oxidised low density lipoprotein (lectin-like) receptor 1; LOX-1; Oldr1; Oldlr1;

Gene ID [140914](#)

mRNA Refseq [NM_133306](#)

Protein Refseq [NP_579840](#)

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