

Recombinant Rat OLR1 protein, His-tagged

Cat. No. OLR1-4170R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat OLR1 protein(O70156)(Leu60-Gln364), fused with His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Leu60-Gln364
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant rat OLR1 comprises 325 amino acids and has a predicted molecular mass of 37.9 kDa. The apparent molecular mass of the protein is approximately 43-47 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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