

## Recombinant Rat OLR1 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat OLR1 protein(O70156)(Leu60-Gln364), fused with His tag, was expressed in HEK293.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	Leu60-Gln364
<b>Form</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	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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