

Recombinant Rat Olr1 protein, His & T7-tagged

Cat. No. Olr1-1887R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Olr1 aa. (Thr51~Ser314 (Accession # O70156)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Thr51~Ser314
Description	Receptor for oxidized low-density lipoprotein that may be involved in pathogenesis of hypertension as well as atherosclerosis.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.8kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.8.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate

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was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

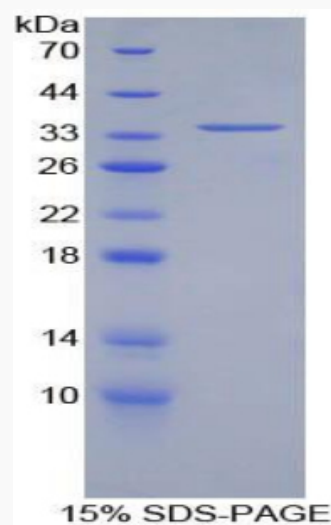
GENE INFORMATION

Gene Name	Olr1 oxidized low density lipoprotein receptor 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Olr1
Synonyms	IL17RB; interleukin 17 receptor B; CRL4; EVI27; IL17BR; IL17RH1; interleukin-17 receptor B; IL-17 receptor B; IL-17 receptor homolog 1; IL-17B receptor; IL-17RB; IL-17Rh1; cytokine receptor CRL4; cytokine receptor-like 4; interleukin 17 receptor homolog 1; interleukin-17B receptor
Gene ID	140914
mRNA Refseq	NM_133306.2
Protein Refseq	NP_579840.2
UniProt ID	O70156

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SDS-PAGE