

## Recombinant Rat Olr1 protein, His & T7-tagged

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

### SPECIFICATION

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

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

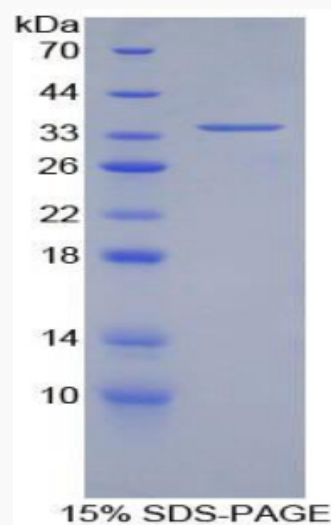
## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                           |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">Olr1 oxidized low density lipoprotein receptor 1 [ Rattus norvegicus (Norway rat) ]</a>                                                                                                                                                                                       |
| <b>Official Symbol</b> | <a href="#">Olr1</a>                                                                                                                                                                                                                                                                      |
| <b>Synonyms</b>        | 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 |
| <b>Gene ID</b>         | <a href="#">140914</a>                                                                                                                                                                                                                                                                    |
| <b>mRNA Refseq</b>     | <a href="#">NM_133306.2</a>                                                                                                                                                                                                                                                               |
| <b>Protein Refseq</b>  | <a href="#">NP_579840.2</a>                                                                                                                                                                                                                                                               |
| <b>UniProt ID</b>      | <a href="#">O70156</a>                                                                                                                                                                                                                                                                    |

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SDS-PAGE