

## Recombinant Rat Il1r2 protein(Met1-Glu355), His-tagged

**Cat. No.** Il1r2-7455R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Il1r2 protein(P43303)(Met1-Glu355), fused with C-terminal His tag, was expressed in HEK293.                                                                                                                            |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                    |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | Met1-Glu355                                                                                                                                                                                                                            |
| <b>similar</b>          | Il1r2                                                                                                                                                                                                                                  |
| <b>Alias</b>            | IL1R2; interleukin 1 receptor, type II; interleukin-1 receptor type 2; IL-1R-2; IL-1RT2; IL-1RT-2; IL-1R-beta; IL-1 type II receptor; interleukin-1 receptor beta; interleukin-1 receptor type II; CD121 antigen-like family member B; |
| <b>Conjugate</b>        | C-His                                                                                                                                                                                                                                  |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                         |
| <b>Bioactivity</b>      |                                                                                                                                                                                                                                        |
| <b>MolecularMass</b>    | The recombinant rat IL1R2 comprises 353 amino acids and predicts a molecular mass of 39.7 kDa. The apparent molecular mass of the rat IL1R2 is approximately 55-60 kDa in SDS-PAGE under reducing conditions due to glycosylation.     |

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|                              |                                                                                                                                                                                                                                                 |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Endotoxin</b>             | < 1.0 EU per µg of the protein as determined by the LAL method                                                                                                                                                                                  |
| <b>Purity</b>                | > 97 % 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. |
| <b>Reconstitution</b>        | 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.                                                                   |
| <b>GeneName</b>              | Il1r2 interleukin 1 receptor, type II [ Rattus norvegicus ]                                                                                                                                                                                     |
| <b>GeneNameWeblink</b>       | <a href="#">117022</a>                                                                                                                                                                                                                          |
| <b>OfficialSymbol</b>        | Il1r2                                                                                                                                                                                                                                           |
| <b>OfficialSymbolWeblink</b> | <a href="#">117022</a>                                                                                                                                                                                                                          |
| <b>GenelD</b>                | 117022                                                                                                                                                                                                                                          |
| <b>GenelDWeblink</b>         | <a href="#">117022</a>                                                                                                                                                                                                                          |
| <b>mRNARefseq</b>            | NM_053953                                                                                                                                                                                                                                       |
| <b>mRNARefseqWeblink</b>     | <a href="#">NM_053953.1</a>                                                                                                                                                                                                                     |
| <b>ProteinRefseqWeblink</b>  | <a href="#">NP_446405.1</a>                                                                                                                                                                                                                     |
| <b>MIMWeblink</b>            |                                                                                                                                                                                                                                                 |
| <b>UniProtID</b>             |                                                                                                                                                                                                                                                 |

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**UniProtIDWeblink****GENE INFORMATION****Synonyms**

IL1R2; interleukin 1 receptor, type II; interleukin-1 receptor type 2; IL-1R-2; IL-1RT2; IL-1RT-2; IL-1R-beta; IL-1 type II receptor; interleukin-1 receptor beta; interleukin-1 receptor type II; CD121 antigen-like family member B;

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