

## Recombinant Cynomolgus IL18R1, Fc tagged

**Cat. No.** IL18R1-81C    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                 |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Cynomolgus IL18R1 (F7H8F9) (Met1-Lys315), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells.                                                    |
| <b>Species</b>              | Cynomolgus                                                                                                                                                                                      |
| <b>Source</b>               | Human Cells                                                                                                                                                                                     |
| <b>ProteinLength</b>        | 1-315 a.a.                                                                                                                                                                                      |
| <b>Predicted N Terminal</b> | Ala 19                                                                                                                                                                                          |
| <b>Form</b>                 | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.                                                                 |
| <b>Molecular Mass</b>       | The recombinant cynomolgus IL18R1 comprises 538 amino acids and has a calculated molecular mass of 61.1 KDa. The apparent molecular mass of the protein is approximately 70-92 KDa in SDS-PAGE. |
| <b>Endotoxin</b>            | < 1.0 eu per µg of the protein as determined by the LAL method.                                                                                                                                 |
| <b>Purity</b>               | >95 % as determined by SDS-PAGE                                                                                                                                                                 |
| <b>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70oC.                                                                                                                       |
| <b>Storage</b>              | Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein                                                                                                            |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

|           |                                                                                |
|-----------|--------------------------------------------------------------------------------|
| Gene Name | IL18R1?interleukin 18 receptor 1 [?Macaca fascicularis?(crab-eating macaque) ] |
|-----------|--------------------------------------------------------------------------------|

|                 |        |
|-----------------|--------|
| Official Symbol | IL18R1 |
|-----------------|--------|

|         |           |
|---------|-----------|
| Gene ID | 102117615 |
|---------|-----------|

|             |              |
|-------------|--------------|
| mRNA Refseq | XM_005575164 |
|-------------|--------------|

|                |              |
|----------------|--------------|
| Protein Refseq | XP_005575221 |
|----------------|--------------|

|                     |    |
|---------------------|----|
| Chromosome Location | 13 |
|---------------------|----|

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