

## Recombinant Mouse Il1rl1, Fc-tagged

**Cat. No.** Il1rl1-515M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | A DNA sequence encoding the mouse ST2 (NP_001020773.1) (Met1-Arg332) was expressed with the Fc region of human IgG1 at the C-terminus.                                                                                               |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                |
| <b>Source</b>           | Human Cells                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | Met1-Arg332                                                                                                                                                                                                                          |
| <b>Form</b>             | Lyophilized from sterile PBS, pH7.4.                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | The recombinant mouse ST2 comprises 544 amino acids and has a predicted molecular mass of 61.8 kDa. The apparent molecular mass of the protein is approximately 93.2 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>Stability</b>        | Samples are stable for up to twelve months from date of receipt at -70°C                                                                                                                                                             |
| <b>Storage</b>          | Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                                                                  |

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**Reconstitution**      Hardcopy of COA with reconstitution instruction is sent along with the products.

## GENE INFORMATION

**Gene Name**      [IL1rl1 interleukin 1 receptor-like 1 \[ Mus musculus \]](#)

**Official Symbol**      [IL1rl1](#)

**Synonyms**      IL1RL1; interleukin 1 receptor-like 1; interleukin-1 receptor-like 1; T1; protein T1; lymphocyte antigen 84; St2; DER4; Ly84; ST2L; Fit-1; T1/ST2; St2-rs1;

**Gene ID**      [17082](#)

**mRNA Refseq**      [NM\\_001025602](#)

**Protein Refseq**      [NP\\_001020773](#)

**Function**      interleukin-1 receptor activity; interleukin-33 binding; interleukin-33 receptor activity; receptor activity; transmembrane signaling receptor activity;

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