

## Recombinant Mouse Il1rl1, His-tagged

Cat. No. Il1rl1-516M 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 a C-terminal polyhistidine tag.
<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 317 amino acids and has a predicted molecular mass of 36.5 kDa. The apparent molecular mass of the protein is approximately 55.7 kDa in SDS-PAGE under reducing conditions.
<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 -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.
<b>Reconstitution</b>	Hardcopy of COA with reconstitution instruction is sent along with the products.

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## GENE INFORMATION

<b>Gene Name</b>	Il1rl1 interleukin 1 receptor-like 1 [ Mus musculus ]
<b>Official Symbol</b>	Il1rl1
<b>Synonyms</b>	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;
<b>Gene ID</b>	17082
<b>mRNA Refseq</b>	NM_001025602
<b>Protein Refseq</b>	NP_001020773
<b>Function</b>	interleukin-1 receptor activity; interleukin-33 binding; interleukin-33 receptor activity; receptor activity; transmembrane signaling receptor activity;

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