

## Active Recombinant Mouse IL1RL1, HlgG1 Fc-tagged

Cat. No. IL1RL1-505H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	The extracellular domain of human IL-33R[ST2] (AAH30975.1) (Lys19-Phe328) is fused to the N-terminus of the Fc region of human IgG1 was expressed in CHO cell.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	19-328 a.a.
<b>Description</b>	The protein encoded by this gene is a member of the interleukin 1 receptor family. Studies of the similar gene in mouse suggested that this receptor can be induced by proinflammatory stimuli, and may be involved in the function of helper T cells. This gene, interleukin 1 receptor, type I (IL1R1), interleukin 1 receptor, type II (IL1R2) and interleukin 1 receptor-like 2 (IL1RL2) form a cytokine receptor gene cluster in a region mapped to chromosome 2q12. Alternative splicing of this gene results in multiple transcript variants
<b>Form</b>	Lyophilized from 0.2µm-filtered solution in PBS.
<b>Bio-activity</b>	Measured by its ability to bind Recombinant Human IL-33 in a functional ELISA.
<b>Molecular Mass</b>	61KDa (monomer)
<b>AA Sequence</b>	Lys19-Phe328

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<b>Endotoxin</b>	<0.06 eu/μg="" as="" determined="" by="" lal="">
<b>Purity</b>	>98%, by SDS-PAGE under reducing conditions
<b>Stability</b>	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
<b>Reconstitution</b>	Reconstitute at 100μg/ml in sterile PBS.
<b>Warning</b>	Avoid freeze/thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">IL1RL1 interleukin 1 receptor-like 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	IL1RL1
<b>Synonyms</b>	IL1RL1; interleukin 1 receptor-like 1; interleukin-1 receptor-like 1; DER4; FIT 1; homolog of mouse growth stimulation expressed; IL33R; ST2; ST2L; ST2V; T1; growth stimulation-expressed; interleukin 1 receptor-related protein; homolog of mouse growth stimulation-expressed; FIT-1; MGC32623;
<b>Gene ID</b>	<a href="#">9173</a>
<b>mRNA Refseq</b>	<a href="#">NM_003856</a>
<b>Protein Refseq</b>	<a href="#">NP_003847</a>
<b>MIM</b>	<a href="#">601203</a>
<b>UniProt ID</b>	<a href="#">Q01638</a>

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<b>Chromosome Location</b>	2q12
<b>Function</b>	cytokine receptor activity; interleukin-1 receptor activity; interleukin-33 binding; protein binding; receptor activity; receptor signaling protein activity;

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