Active Recombinant Mouse IL1RL1, HIgG1 Fc-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	CHO
ProteinLength	19-328 a.a.
Description	The protein encoded by this gene is a member of the interleukin 1 receptor family. Studies of the similar gene inmouse suggested that this receptor can be induced by proinflammatory stimuli, and may be involved in the functionof helper T cells. This gene, interleukin 1 receptor, type I (IL1R1), interleukin 1 receptor, type II (IL1R2) andinterleukin 1 receptor-like 2 (IL1RL2) form a cytokine receptor gene cluster in a region mapped to chromosome2q12. Alternative splicing of this gene results in multiple transcript variants
Form	Lyophilized from 0.2μm-filtered solution in PBS.
Bio-activity	Measured by its ability to bind Recombinant Human IL-33 in a functional ELISA.
Molecular Mass	61KDa (monomer)
AA Sequence	Lys19-Phe328

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Endotoxin	<0.06 eu/μg="" as="" determined="" by="" lal="">
Purity	>98%, by SDS-PAGE under reducing conditions
Stability	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.
Reconstitution	Reconstitute at 100μg/ml in sterile PBS.
Warning	Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name	IL1RL1 interleukin 1 receptor-like 1 [Homo sapiens]
Official Symbol	IL1RL1
Synonyms	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;
Gene ID	9173
mRNA Refseq	NM_003856
Protein Refseq	NP_003847
MIM	601203
UniProt ID	Q01638

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

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