

Active Recombinant Mouse IL1RL1, MIgG2a Fc-tagged

Cat. No. IL1RL1-503M Lot. No. (See product label)

SPECIFICATION

Product Overview	The extracellular domain of mouse IL-33R[ST2] (NP_001020773.1) (Ser27-Ser342) is fused to the N-terminus of the Fc region of mouse IgG2a was expressed in CHO cell.
Species	Mouse
Source	CHO
ProteinLength	27-342 a.a.
Description	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
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Measured by its ability to bind Recombinant Mouse IL-33 in a functional ELISA.
Molecular Mass	63KDa (monomer)
AA Sequence	Ser27-Ser342)

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Endotoxin	<0.06 eu/μg="" as="" determined="" by="" la="">
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 [<i>Mus musculus</i>]
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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