

IL-1RL1/ IL-1 R4 (C-6His), Mouse, Recombinant

货号 : PCK241

产品信息

别名	Interleukin-1 Receptor-like 1; Lymphocyte antigen 84; Protein ST2; Protein T1; Il1rl1; DER4; Fit-1; IL-1 R4; IL-1RL1; IL-33R; Ly84; ST2L; ST2V; suppression of tumorigenicity 2
物种	Mouse
表达宿主	Human Cells
序列信息	Ser27-Ala337
检索号	P14719-2
分子量	36.6 kDa
标签	C-6His
生物活性	Immobilized Mouse ST2-His at 5µg/ml (100 µl/well) can bind Rhesus Macaque IL-33-His. The ED50 of Rhesus Macaque IL-33-His is 82.03 ng/ml.

产品特性

纯度	>95% as determined by reducing SDS-PAGE.
内毒素	< 1.0 EU per µg as determined by LAL test.
保存	Lyophilized protein should be stored at -5~20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~20°C for 3 months.
运输	Ambient temperature or ice pack.
制剂	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.



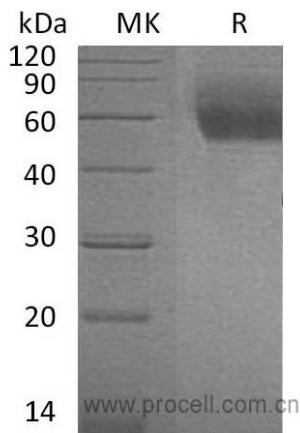
复融

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

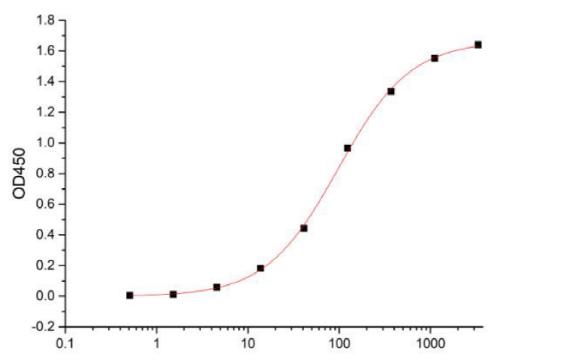
背景介绍

ST2, also called IL-1 R4, is an Interleukin-1 Receptor family glyco Protein that plays a role in Th2 immune responses. ST2 is expressed on the surface of mast cells, activated Th2 cells, macrophages, and cardiac myocytes. This Receptor is very similar to the IL-1 Receptor type I and the IL-18 Receptor α chain in that ST2 also has three extracellular Ig domains and an intracellular Toll domain. ST2 binds IL-33, enhances inflammatory Cytokines by activating nuclear factor-κB (NF-κB) and mitogen activated Protein (MAP) kinases. ST2 exists as either a membrane bound form (ST2L) or as a soluble form (sST2). ST2L acts as a transmembrane signalling Receptor for IL-33 by mediating the effect of IL-33 on the inflammatory process, while sST2 can suppress IL-33 activity.

SDS-PAGE



生物活性



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