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Recombinant Mouse IL-1 Receptor-Like 1/IL-1RL1/IL-1 R4 Protein(C-6His)

产品货号: TP05049

第三版

**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

**描述:** ST2, also called IL-1 R4, is an Interleukin-1 receptor family glycoprotein 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 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- $\kappa$ B (NF- $\kappa$ B) 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.

**配方:** PBS

**分子量:** 36.6 kDa

**序列:** Ser27-Ala337

**纯度:** > 95% by HPLC

**浓度:**

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.