

ST2/IL1RL1, Human, Recombinant

Cat. No. : GPCK167

产品信息

物种	Human
表达宿主	Human Cells
序列信息	Lys19-Phe328
检索号	Q01638-2
标签	C-6His
分子量	36.0 kDa
有效期	12 months
生物活性	Immobilized Human ST2-His at 5 µg/mL (100 µL/well) can bind Human IL-33-His. The ED50 of Human IL-33-His is 8.44 ng/mL.

产品特性

内毒素 (EU/µg)	< 0.1
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 20 mM PB, 150 mM NaCl, pH 7.4.
复溶	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 sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

背景介绍

Interleukin 1 Receptor-like 1 (IL1RL1) is a member of the Interleukin-1 Receptor family, Contains 3 Ig-like C2-type domains and 1 TIR domain. It is highly expressed in kidney, lung, placenta, stomach, skeletal muscle, colon and small intestine. IL1RL1 is a Receptor for Interleukin-33, its stimulation recruits MYD88, IRAK1, IRAK4, and TRAF6, followed by phosphorylation of MAPK3/ERK1 and/or MAPK1/ERK2, MAPK14, and MAPK8. IL1RL1 may possibly be involved in helper T-cell function. Soluble IL1RL1 also acts as a negative regulator of Th2 Cytokine production, it directly implicated in the progression of cardiac disease.

