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Datasheet for ABIN7520127 IL1RL1 Protein (Fc Tag)

Overview

Quantity:	10 µg
Target:	IL1RL1
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL1RL1 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Mouse IL1RL1 Protein
Sequence:	SKSSWGLENE ALIVRCPQRG RSTYPVEWYY SDTNESIPTQ KRNRI FVSRD RLKFLPARVE DSGIYACVIR SPNLNKTGYL NVTIHKKPPS CNIPDYL MYS TVRGSDKNFK ITCPTIDL N WTAPVQWFKN CKALQEPRFR AHRSYLFIDN VTHDDEGDYT CQFTHAENG T NYIVTATRSF TVEEKGF S MFPVITNPPY NH TMEVEIGKPA SIACSACFGK GSHFLADV LW QINKTVVG NF GEARIQEEEG RNESSSNDMD CLTSVL RITG VTEKDLSLEY DCLALNLHGM IRHTIRLR RK QPIDHR
Specificity:	Ser27-Arg332
Purity:	> 92 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<0.1EU/µg

Target Details

Target:	IL1RL1
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Target Details

Alternative Name:	IL1RL1 (IL1RL1 Products)
Background:	<p>Description: IL-1 receptor-like 1 (IL1RL1) is a membrane receptor involved in TH2 inflammatory responses and eosinophilia. It has previously been described that levels of the interleukin-1 like 1 (IL1RL1) protein can be used to diagnose cardiovascular disease and determine the prognosis for a patient with cardiovascular disease. The ligand for IL1RL1 has been described and named IL-33. Mutants in IL1RL1 have been associated with blood eosinophil counts in a genome-wide association study and with asthma in family-based and case-control studies. As an important mediator involved in many immune and inflammatory responses, this cytokine has been implicated as a regulator of both the development and effector phases of type 2 helper T cell responses, and as a negative feedback modulator of macrophage proinflammatory function. IL33 is a specific ligand of ST2L and induces the production of Th2 cytokines.</p> <p>Name: T1, St2, DER4, Ly84, ST2L, Fit-1, T1/ST2, St2-rs1,IL1RL1</p>
Gene ID:	17082
UniProt:	P14719

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80°C for 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.