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Datasheet for ABIN7504443

IL1RL1 Protein (AA 19-328) (Fc Tag)

Overview

Quantity:	100 µg
Target:	IL1RL1
Protein Characteristics:	AA 19-328
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL1RL1 protein is labelled with Fc Tag.

Product Details

Purpose:	Human IL-1RL1/ST2 Protein
Sequence:	Lys19-Phe328
Characteristics:	Recombinant Human IL-1RL1/ST2 Protein is expressed from HEK293 with hFc tag at the C-terminus. It contains Lys19-Phe328.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	IL1RL1
Alternative Name:	IL-1RL1 (IL1RL1 Products)

Target Details

Background: IL1RL1(also known as ST2) is a member of the IL1 receptor family and serves as the receptor for IL-33. The ST2 protein has two isoforms including sST2 and the membrane-bound ST2 receptor, referred to as ST2L. Preclinical studies have demonstrated that binding of IL-33 to ST2L elicits a cardioprotective effect. ST2/IL-33 signaling may play an important role in intestinal disease.

Molecular Weight: 61.75 kDa. Due to glycosylation, the protein migrates to 75-100 kDa based on Tris-Bis PAGE result.

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

Buffer: Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: -20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Expiry Date: 12 months