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Datasheet for ABIN7538337

IL1RL1 Protein (AA 19-328) (His tag)

1 Image

Overview

Quantity:	50 µg
Target:	IL1RL1
Protein Characteristics:	AA 19-328
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL1RL1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant human ST2 Protein with C-terminal 6xHis tag
Specificity:	ST2 (Lys19-Ser328) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	IL1RL1
Alternative Name:	ST2 (IL1RL1 Products)
Background:	The protein encoded by this gene is a member of the interleukin 1 receptor family. Studies of

Target Details

the similar gene in mouse suggested that this receptor can be induced by proinflammatory stimuli, and may be involved in the function of helper T cells. This gene, interleukin 1 receptor, type I (IL1R1), interleukin 1 receptor, type II (IL1R2) and interleukin 1 receptor-like 2 (IL1RL2) form a cytokine receptor gene cluster in a region mapped to chromosome 2q12. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jul 2008]

Molecular Weight: predicted molecular mass of 35.8 kDa after removal of the signal peptide. The apparent molecular mass of ST2-His is 35-70 kDa due to glycosylation.

UniProt: [Q01638](#)

Application Details

Restrictions: For Research Use only

Handling

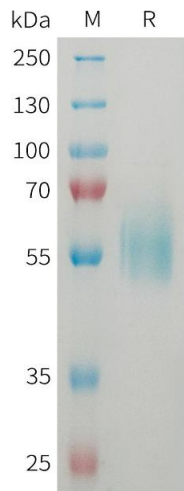
Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human ST2 Protein, His Tag on SDS-PAGE under reducing condition.