

Datasheet for ABIN2181368
IL1RL1 Protein (AA 19-323) (Fc Tag)[Go to Product page](#)

2 Images

Overview

Quantity:	200 µg
Target:	IL1RL1
Protein Characteristics:	AA 19-323
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL1RL1 protein is labelled with Fc Tag.

Product Details

Sequence:	AA 19-323
Characteristics:	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 61 kDa. The protein migrates as 85-100 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Purity:	>95 % as determined by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	IL1RL1
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Target Details

Alternative Name:	IL-1RL1 (IL1RL1 Products)
Background:	Interleukin 1 receptor-like 1 (IL1RL1) is also known as ST2, DER4, FIT-1, IL33R, ST2L, ST2V, which belongs to the interleukin-1 receptor family. IL1RL1 contains three Ig-like C2-type (immunoglobulin-like) domains and one TIR domain. IL1RL1 is receptor for interleukin-33 (IL-33), its stimulation recruits MYD88, IRAK1, IRAK4, and TRAF6, followed by phosphorylation of MAPK3/ERK1 and/or MAPK1/ERK2, MAPK14, and MAPK8. IL1RL1 possibly involved in helper T-cell function. IL1RL1 can interact with MYD88, IRAK1, IRAK4, and TRAF6.
Molecular Weight:	61.0 kDa
NCBI Accession:	NP_003847

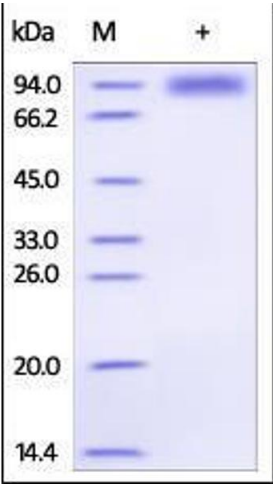
Application Details

Restrictions:	For Research Use only
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Handling

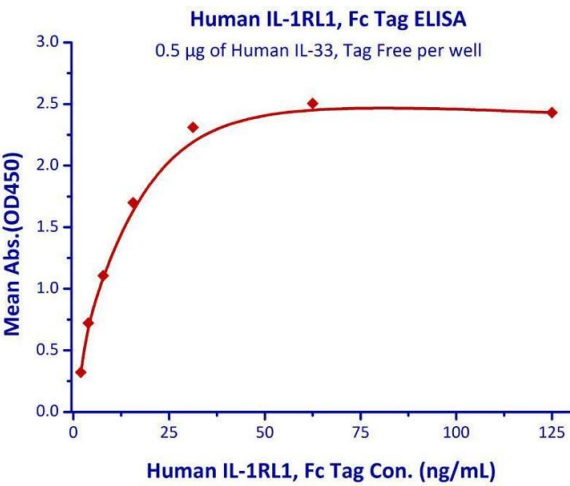
Format:	Lyophilized
Buffer:	Tris with Glycine, Arginine and NaCl, pH 7.5
Handling Advice:	Please avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	No activity loss was observed after storage at: In lyophilized state for 1 year (4 °C), After reconstitution under sterile conditions for 3 months (-70 °C).

Images



SDS-PAGE

Image 1. Human IL-1RL1, Fc Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.



Binding Studies

Image 2. Immobilized Human IL-33, Tag Free with a linear range of 1.95-7.8 ng/mL.