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

3 Images



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Overview

Quantity:	200 μg
Target:	IL1RL1
Protein Characteristics:	AA 19-328
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL1RL1 protein is labelled with His tag.

Product Details

Target Details

IL1RL1

Target:

Sequence:	AA 19-328
Characteristics:	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 35.8 kDa. The protein migrates as 48-60 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Purity:	>90 % 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

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:	36.9 kDa
NCBI Accession:	NP_003847

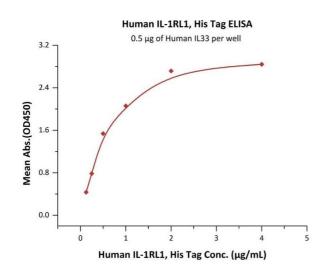
Application Details

Restrictions: For Research Use only

Handling

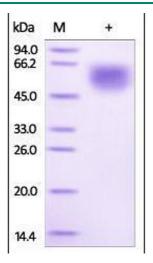
Format:	Lyophilized
Buffer:	PBS, pH 7.4
Handling Advice:	Please avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	No activity loss was observed after storage at: In lyophilized state for 1 year (4 °C), After reconstitution under sterile conditions for 3 months (-70 °C).

Images



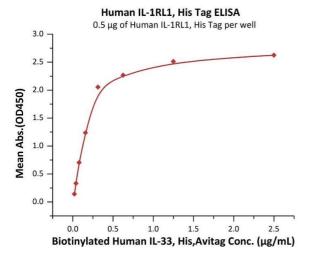
ELISA

Image 1. Immobilized human IL33 at 5 μ g/mL (100 μ L/well) can bind Human IL-1RL1, His Tag (ABIN2181366,ABIN2181365) with a linear range of 0.125-0.5 μ g/mL (Routinely tested).



SDS-PAGE

Image 2. Human IL-1RL1, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.



ELISA

Image 3. Immobilized Human IL-1RL1, His Tag (ABIN2181366,ABIN2181365) at 5 μ g/mL (100 μ L/well) can bind Biotinylated Human IL-33, His,Avitag (ABIN6973124) with a linear range of 0.02-0.313 μ g/mL (QC tested).