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Datasheet for ABIN1344137
IL1R1 Protein (AA 21-336) (Fc Tag)

Overview

Quantity:	50 µg
Target:	IL1R1
Protein Characteristics:	AA 21-336
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL1R1 protein is labelled with Fc Tag.
Application:	SDS-PAGE (SDS)

Product Details

Specificity:	Binds to human IL-1beta.
Cross-Reactivity:	Human
Characteristics:	Human IL-1RI (interleukin-1 receptor type I) (aa 21-336) is fused at the C-terminus to the Fc portion of human IgG1.
Purity:	>95 % (SDS-PAGE)
Endotoxin Level:	<0.1EU/µg purified protein (LAL test, Lonza).

Target Details

Target:	IL1R1
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Target Details

Abstract:	IL1R1 Products
Background:	IL-1RI is the receptor for interleukin-1alpha (IL-1A), beta (IL-1B) and interleukin-1 receptor antagonist protein (IL-1RA). Binding to the agonist leads to the activation of NF-kappaB. Signaling involves formation of a ternary complex containing IL1RAP, leading the activation of TOLLIP, MYD88 and IRAK1 or IRAK2.
Molecular Weight:	~80kDa (SDS-PAGE)
UniProt:	P14778
Pathways:	NF-kappaB Signaling , Carbohydrate Homeostasis , Cancer Immune Checkpoints

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Blocks IL-1beta activity.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with 50 µL sterile water.
Concentration:	Lot specific
Buffer:	Lyophilized. Contains PBS.
Storage:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Stable for at least 6 months after receipt when stored at -20°C.
Expiry Date:	6 months