

Datasheet for ABIN7607319

IL1R1 Protein (AA 20-338) (His tag)



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Overview

Quantity:	50 µg
Target:	IL1R1
Protein Characteristics:	AA 20-338
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL1R1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Mouse CD121a/IL1R1 Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its ability to inhibit IL-1 alpha -dependent proliferation in mouse helper T cells (D10.G4.1). Approximately 0.005-0.015 µg/mL of CD121a/IL1R1 (Cat #: AMD06701) will inhibit 50% of the biological response due to 50 pg/mL of rmIL-1a.

Target Details

Target:	IL1R1
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Target Details

Alternative Name:	Interleukin-1 receptor type 1 (IL1R1 Products)
Background:	Interleukin-1 receptor type 1, IL-1R-1, IL-1RT-1, IL-1RT1, 3.2.2.6, CD121 antigen-like family member A, Interleukin-1 receptor alpha, IL-1R-alpha, Interleukin-1 receptor type I, p80, CD121a, Interleukin-1 receptor type 1, membrane form, mL-1R1, mL-1RI, Interleukin-1 receptor type 1, soluble form, sIL-1R1, sIL-1RI, IL1r1, IL-1r1, IL1ra
UniProt:	P13504
Pathways:	NF-kappaB Signaling , Carbohydrate Homeostasis , Cancer Immune Checkpoints

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months