

Datasheet for ABIN6239757
IL1F9 Protein (AA 1-162) (His tag)



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Overview

Quantity:	50 µg
Target:	IL1F9
Protein Characteristics:	AA 1-162
Origin:	Human
Source:	Escherichia coli (E. coli)
Biological Activity:	Active
Purification tag / Conjugate:	This IL1F9 protein is labelled with His tag.
Application:	Cell Culture (CC), Activity Assay (AcA)

Product Details

Characteristics:	Tag location: N-terminal His Tag
Purity:	> 90 %
Biological Activity Comment:	<p>IL36G (Interleukin 36 gamma), also known as IL-1F9 and IL-1H1 is a member of the IL-1 family. The receptor for IL36 gamma is reported to be a combination of IL-1 R6/IL-1 R rp2 and IL-1 R3/IL-1 R AcP. Thus we have conducted a binding ELISA assay to detect the interaction of recombinant human IL36G with recombinant human IL1R1. Briefly, IL36G were diluted serially in PBS, with 0.01%BSA (pH 7.4). Duplicate samples of 100µL were then transferred to IL1R1-coated microtiter wells and incubated for 2h at 37°C. Wells were washed with PBST and incubated for 1h with anti-IL1R1 pAb, then aspirated and washed 3 times. After incubation with HRP labelled secondary antibody, wells were aspirated and washed 3 times. With the addition of substrate solution, wells were incubated 15-25 minutes at 37°C. Finally, add 50µL stop solution to the wells and read at 450nm immediately. The binding activity of IL36G with IL1R1</p>

Product Details

was shown in Figure 1 and this effect was in a dose dependent manner The binding activity of IL36G with IL1R1.

Target Details

Target:	IL1F9
Alternative Name:	Interleukin 1 Family, Member 9 (IL1F9) (IL1F9 Products)
Background:	Alternative Names: IL-1F9, IL36g, IL-1H1, IL-1RP2, IL1E, IL1H1, IL1RP2, Interleukin 36, Gamma, Interleukin-1 Homolog 1, Interleukin-1 epsilon, Interleukin 1-Related Protein 2
Molecular Weight:	19kDa
UniProt:	Q9NZH8

Application Details

Application Notes:	Isoelectric Point: 6.3
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01 % SKL, 5 % Trehalose and Proclin300.
Preservative:	Dithiothreitol (DTT), Other preservative, ProClin
Precaution of Use:	This product contains ProClin and Dithiothreitol (DTT): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.