

Datasheet for ABIN7597252

IL1F9 Protein (AA 18-169) (Fc Tag)



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Overview

Quantity:	10 µg
Target:	IL1F9
Protein Characteristics:	AA 18-169
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL1F9 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human IL36G Protein with C-terminal human Fc tag
Sequence:	IL36G(Ser18-Asp169) hFc(Glu99-Ala330)
Purity:	The purity of the protein is greater than 90 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	IL1F9
Alternative Name:	IL36G (IL1F9 Products)
Background:	<p>IL1E, IL1F9, IL1H1, IL-1F9, IL-1H1, IL1RP2, IL-1RP2</p> <p>The protein encoded by this gene is a member of the interleukin 1 cytokine family. The activity of this cytokine is mediated by interleukin 1 receptor-like 2 (IL1RL2/IL1R-rp2), and is specifically inhibited by interleukin 1 family, member 5 (IL1F5/IL-1 delta). Interferon-gamma, tumor</p>

Target Details

necrosis factor-alpha and interleukin 1, beta (IL1B) are reported to stimulate the expression of this cytokine in keratinocytes. The expression of this cytokine in keratinocytes can also be induced by a contact hypersensitivity reaction or herpes simplex virus infection. This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. [provided by RefSeq, May 2019]

Molecular Weight: predicted molecular mass of 43.2 kDa after removal of the signal peptide.

UniProt: [Q9NZH8](#)

Application Details

Application Notes: Extracellular Domain Proteins (ECD) can be used as:

- Immunogens for antibody drug development
- Reagents used for CAR-T positive cell monitoring
- Reagents for antibody screening and functional testing
- Reagents for antibody affinity measurement

Comment: The protein was made using HEK293 mammalian cell secretion expression system to ensure the close-to-native structures and post-translational modifications of the target protein.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months