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Datasheet for ABIN1344114

**IL1F9 Protein (AA 13-164) (DYKDDDDK Tag)**

## Overview

Quantity:	10 µg
Target:	IL1F9
Protein Characteristics:	AA 13-164
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL1F9 protein is labelled with DYKDDDDK Tag.
Application:	SDS-PAGE (SDS)

## Product Details

Cross-Reactivity:	Mouse (Murine)
Characteristics:	Mouse IL-36gamma (aa Gly13-Ser164) is fused at the C-terminus to a FLAG®-tag.
Purity:	>95 % (SDS-PAGE)
Endotoxin Level:	<0.01EU/µg purified protein (LAL test, Lonza).

## Target Details

Target:	IL1F9
Alternative Name:	IL-36 gamma ( <a href="#">IL1F9 Products</a> )
Background:	IL-36alpha (IL-1F6), IL-36beta (IL-1F8) and IL-36gamma (IL-1F9) bind to IL-36R (IL-1Rrp2) and

## Target Details

IL-1RAcP, activating similar intracellular signals as IL-1. IL-36Ra inhibits the production of proinflammatory cytokines, including IL-12, IL-1beta, IL-6, TNF-alpha and IL-23 induced by IL-36 in BMDC and CD4 T cells. Skin and dendritic cells are targets of the IL-36 interleukins leading to a Th1 response. These cytokines may represent potential targets for immune-mediated inflammatory conditions or, alternatively, could be used as adjuvants in vaccination.

Molecular Weight: ~17kDa

UniProt: [Q8R460](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Induces secretion of IL-6 in BMDCs.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Reconstitute with 100 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