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## Datasheet for ABIN1343993 **FIL1d Protein (AA 2-155)**

### Overview

Quantity:	10 µg
Target:	FIL1d
Protein Characteristics:	AA 2-155
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

### Product Details

Cross-Reactivity:	Human
Characteristics:	Human IL36Ra (aa Val2-Asp155) is untagged.
Purity:	>95 % (SDS-PAGE)
Endotoxin Level:	<0.05EU/µg purified protein (LAL test, Lonza).

### Target Details

Target:	FIL1d
Alternative Name:	IL-36Ra ( <a href="#">FIL1d Products</a> )
Background:	IL-36Ra/IL-1F5 is a highly and a specific antagonist of the IL-1 receptor-related protein 2-mediated response to IL-36alpha (IL-1F6), IL-36beta (IL-1F8) and IL-36gamma (IL-1F9). These cytokines bind to IL-36R (IL-1Rrp2) and IL-1RAcP, activating similar intracellular signals as IL-1. IL-36Ra inhibits the production of proinflammatory cytokines, including IL-12, IL-1beta, IL-6,

## Target Details

TNF-alpha and IL-23 induced by IL-36 in BMDC and CD4 T cells. Skin and dendritic cells are target of the IL-36 interleukins leading to a Th1 response. Recently mutations that affect the levels and the activity of IL-36Ra have been found in patients with pustular psoriasis, leading to enhanced production of inflammatory cytokines (IL-8 in particular) by keratinocytes.

Molecular Weight: ~17kDa

UniProt: [Q9UBH0](#)

## Application Details

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

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