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Datasheet for ABIN7504439  
**IL1F10 Protein (AA 1-152) (His tag)**

### Overview

Quantity:	100 µg
Target:	IL1F10
Protein Characteristics:	AA 1-152
Origin:	Human
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL1F10 protein is labelled with His tag.

### Product Details

Purpose:	Human IL-1F10/IL-38 Protein
Sequence:	Met1-Trp152
Characteristics:	Recombinant Human IL-1F10/IL-38 Protein is expressed from Yeast with His tag at the C-terminus. It contains Met1-Trp152.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

### Target Details

Target:	IL1F10
Alternative Name:	IL-1F10 ( <a href="#">IL1F10 Products</a> )

## Target Details

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**Background:** Interleukin (IL)-38, a newly discovered IL-1 family cytokine, is expressed in several tissues and secreted by various cells. IL-38 has recently been reported to exert an anti-inflammatory function by binding to several receptors, including interleukin-36 receptor (IL-36R), interleukin-1 receptor accessory protein-like 1 (IL-1RAPL1), and interleukin-1 receptor 1 (IL-1R1) to block binding with other pro-inflammatory cytokines and inhibit subsequent signaling pathways, thereby regulating the differentiation and function of T cells, peripheral blood mononuclear cells, macrophages, and dendritic cells.

**Molecular Weight:** 18.07 kDa. Due to glycosylation, the protein migrates to 20-23 kDa based on Tris-Bis PAGE result.

## Application Details

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**Restrictions:** For Research Use only

## Handling

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**Format:** Lyophilized

**Reconstitution:** Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

**Buffer:** Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

**Storage:** -20 °C,-80 °C

**Storage Comment:** -20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Expiry Date:** 12 months