



# IL1F10, Recombinant, Human, aa1-152, His-SUMO-Tag (Interleukin-1 Family Member 10)

## Catalog number

373807

## Supplier

United States Biological

Cytokine with immunomodulatory activity. Alone, does not induce cytokine production, but reduces IL22 and IL17A production by T-cells in response to heat-killed *Candida albicans*. Reduces IL36G-induced production of IL8 by peripheral blood mononuclear cells. Increases IL6 production by dendritic cells stimulated by bacterial lipopolysaccharides (LPS). Ligand for IL-36R/IL1RL2.

## Source

Recombinant protein corresponding to aa1-152 from human IF1F10, fused to His-SUMO-Tag at N-terminal, expressed in *E. coli*.

## Molecular Weight

~32.9kD

## AA Sequence

MCSLPMARYYIIKYADQKALYTRDGQLLVGDPVADNCCAEEKICILPNRGLARTKVPIFLGIQGGSRCLACVETEEGPSL  
QLEDVNIIEELYKGGEEATRFTFFQSSSGSAFRLEAAAWPGWFLCGPAEPQQPVQLTKESEPSARTKIFYFEQSW

## Storage and Stability

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

## Formulation

Supplied as a liquid in Tris, 50% glycerol.

## Purity

≥90% (SDS-PAGE)

## Grade

Purified

## Storage

-20°C

## MW

32.9

## Antigen Modification

Recombinant, *E. coli*



## Reference

1. Identification of a novel human cytokine gene in the interleukin gene cluster on chromosome 2q12-14. Bensen J.T., Dawson P.A., Mychaleckyj J.C., Bowden D.W.J. Interferon Cytokine Res. 21:899-904(2001).