

## Recombinant Human IL36RN (IL1F5)

Cat No:HR2R1612

For research use only

### Overview

Quantity	100 µg
Gene Symbol	IL36RN
Gene ID	26525
Accession	N/A
Alternative Name	IL36RN FIL1D, IL1F5, IL1HY1, IL1L1, IL1RP3, Interleukin-36 receptor antagonist protein
Species	Human
Source	E. coli
Description	Human IL36RN (IL1F5) is one of the cytokines from the interleukin 1 family encoded by a cluster of genes on chromosome 2. All members of this family show a 12 beta -strand, beta -trefoil configuration. IL36RN is a secreted protein monomer which is also known as interleukin 36 receptor antagonist (IL36RA). This cytokine is predominantly expressed in keratinocytes and a variety of other cell types including brain leukocytes, dendritic cells and macrophage cell types. IL36RN has shown increased expression in lesional psoriasis skin and is thought to play a role in skin inflammation. IL1F5 is a specific antagonist of the IL1 receptor related protein 2 - mediated response to IL1F9. It is also known to specifically inhibit the activation of NF-Kappa-B transcription factor which is induced by IL1F6.
Functions	N/A
Formulation	Lyophilized from a 0.2 µm filtered solution in Tris, NaCl and KCl
Solubility	A quick spin of the vial followed by reconstitution in sterile distilled water to a concentration not less than 0.1 mg/mL is recommended. This solution can then be diluted into other buffers.
Appearance	Lyophilized Powder
Molecular Weight	N/A
Purity	>95% as determined by SDS-PAGE
Concentration	<1.0 EU/µg of recombinant protein as determined by the LAL method
Shipping Condition	Ambient Temperature
Storage Condition	This protein can be stored in working aliquots at 2? - 8°C for one month, or at -20°C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.