

## Recombinant Human IL36RN Protein, His-tagged

Cat. No. IL36RN-2009H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IL-36Ra Protein is produced by E. coli expression system. The target protein is expressed with sequence (Val2-Asp155) of human IL-36Ra (Accession #NP_036407.1) fused with a 6xHis tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Val2-Asp155
<b>Description</b>	The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine was shown to specifically inhibit the activation of NF-kappaB induced by interleukin 1 family, member 6 (IL1F6). This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. Two alternatively spliced transcript variants encoding the same protein have been reported.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5 % trehalose, 5 % mannitol.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 90% as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name**

IL36RN interleukin 36 receptor antagonist [ *Homo sapiens* ]

**Official Symbol**

IL36RN

**Synonyms**

IL36RN; interleukin 36 receptor antagonist; IL1F5, interleukin 1 family, member 5 (delta); interleukin-36 receptor antagonist protein; family of interleukin 1 delta; FIL1; FIL1(DELTA); FIL1D; IL 1 related protein 3; IL 1F5; IL1HY1; IL1L1; IL1RP3; IL36RA; interleukin 1 HY1; interleukin 1 receptor antagonist homolog 1; MGC29840; IL-1ra homolog 1; interleukin-1 HY1; IL-1 related protein 3; interleukin-1-like protein 1; family of interleukin 1-delta; IL1F5 (Canonical product IL-1F5a); interleukin 1 family, member 5 (delta); interleukin-1 receptor antagonist homolog 1; IL-1F5 (IL-1HY1, FIL1-delta, IL-1RP3, IL-1L1, IL-1-delta); IL1F5; PSORP;

**Gene ID**

26525

**mRNA Refseq**

NM\_012275

**Protein Refseq**

NP\_036407

**MIM**

605507

**UniProt ID**

Q9UBH0

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