

## IL36RN Human

**Description:** IL1F5 Human Recombinant produced in E.Coli is a single, non-glycosylated, Polypeptide chain containing 155 amino acids and having a molecular mass of 17kDa. The IL1F5 is purified by proprietary chromatographic techniques.

**Catalog #:** CYP5-016

For research use only.

**Synonyms:** Interleukin-36 receptor antagonist protein, FIL1 delta, IL-1-related protein 3, IL-1RP3, Interleukin-1 HY1, IL-1HY1, Interleukin-1 delta, IL-1 delta, Interleukin-1 family member 5, IL-1F5, Interleukin-1 receptor antagonist homolog 1, IL-1ra homolog 1, Int

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered White lyophilized (freeze-dried) powder.

**Amino Acid Sequence:** The sequence of the first five N-terminal amino acids was determined and was found to be Met-Val-Leu-Ser-Gly.

**Purity:** Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

**Formulation:**

IL1F5 was lyophilized after extensive dialysis against 20mM Phosphate buffer, pH7.4.

**Stability:**

Lyophilized IL1F5 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL1F5 should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Solubility:**

It is recommended to quick spin followed by reconstitution of IL1F5 in PBS to a concentration no less than 100

**Introduction:**

Human interleukin family 1, member 5 (IL-1F5 / FIL1-delta) belongs to the interleukin 1 cytokine family. IL1F5 is expressed by a variety of cells including monocytes, B cells, dendritic cells/Langerhans cells, keratinocytes, and gastric fundus Parietal and Chief cells. IL1F5 is an antagonist of IL1F9; however IL1F5 activity related to receptor binding remains unclear. Human and mouse IL1F5 share 90% amino acid sequence identity.

**Biological Activity:**

As measured by its binding ability in a functional ELISA, immobilized IL1F5 at 1

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