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**Product Data Sheet**


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Product Name: IL36RN Human, His  
 Cat. No.: GP20657  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Interleukin 36 receptor antagonist; FIL1; FIL1(DELTA);FIL1D; IL1F5; IL1HY1; IL1L1; IL1RP3; IL36RA; PSORP; FIL1 delta; Interleukin-1HY1; IL-1 delta; Interleukin-1 receptor antagonist homolog 1;Interleukin-1-like protein 1; UNQ1896/PRO4342.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSHMVLGALCFR MKDSALKVLY LHNNQLLAGG LHAGKVIKGE EISVVPNRWL DASLSPVILG VQGGSQCLSCGVGQEPTLTL EPVNIMELYL GAKESKSFTF YRRDMGLTSS FESAAYPGWF LCTVPEADQP VRLTQLPENGWGNAPITDFY FQQCD.		
Formulation	IL36RN protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4) and 10% glycerol.		

**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, Bcells, 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.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks.

**Background**

IL36RN Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 175 amino acids (1-155 a.a) and having a molecular mass of 19.1kDa.IL36RN is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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