

Active Recombinant Human IL36RN Protein (Met1-Asp155), C-His tagged, Animal-free, Carrier-free

Cat. No. IL36RN-118H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL36RN Protein (Met1-Asp155) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Human
Source	E.coli
ProteinLength	Met1-Asp155
Description	Interleukin 36 receptor antagonist (IL-36RA) is a 16.97 kDa member of IL-1 family with 155 amino acid residues. IL-1RA is expressed by lymphoid tissue, skin and secreted to blood. IL-36Ra functions as a receptor antagonist that inhibits the activation of IL-36R signaling and suppresses pro-inflammatory signaling.
Form	Lyophilized
Bio-activity	Measure by its ability to inhibit IL-36 gamma-induced IL-8 secretion in PBMC cells. The ED50 for this effect is < 2 ng/mL in the presence of 500 ng/mL of recombinant human IL-36 gamma.
Molecular Mass	The protein has a calculated MW of 17.77 kDa. The protein migrates as 17 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/μg of the protein by the LAL method.

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Purity	>98% as determined by SDS-PAGE analysis.
Storage	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

Gene Name	IL36RN interleukin 36 receptor antagonist [Homo sapiens (human)]
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;

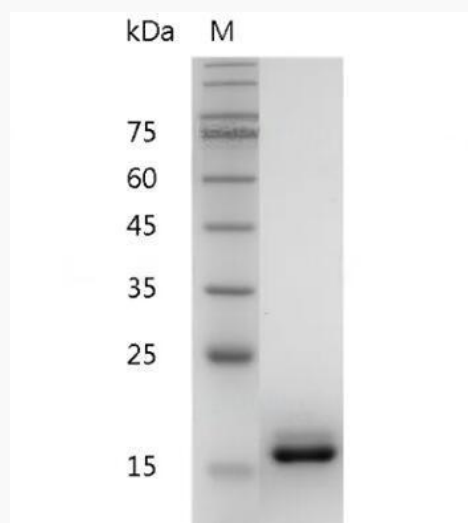
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Gene ID	26525
mRNA Refseq	NM_012275
Protein Refseq	NP_036407
MIM	605507
UniProt ID	Q9UBH0

**SDS-PAGE analysis
of recombinant
human IL-36RA.**



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