

Recombinant Human interleukin 36 receptor antagonist, His-tagged

Cat. No. IL36RN-596H Lot. No. (See product label)

SPECIFICATION

Product Overview IL36RN, 1-155aa, Human, His tag, E.coli

Species Human

Source E.coli

ProteinLength 1-155 a.a.

Description IL36RN 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. Recombinant human IL36RN protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form Liquid. In Phosphate buffered saline (pH7.4), 10% glycerol

Molecular Mass 19.1 kDa (175aa) confirmed by MALDI-TOF

AA Sequence
MGSSHHHHHH SGLVPRGSH MVLSGALCFR MKDSALKVLY LHNNQLLAGG
LHAGKVIKGE EISVVPNRWL DASLSPVILG VQGGSQCLSC GVGQEPTLTL
EPVNIMELYL GAKESKSFTF YRRDMGLTSS FESAAYPGWF LCTVPEADQP
VRLTQLPENG GWNAPITDFY FQQCD

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Purity	>95% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Bradford assay)
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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Chromosome Location	2q14
Function	cytokine activity; interleukin-1 receptor antagonist activity;

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