

Recombinant Human IL1RN, His-tagged

Cat. No. IL1RN-28733TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fusion protein, corresponding to amino acids 26-177 of Human IL1RA (152 amino acids) with an N terminal hexahistidine tag.
Species	Human
Source	E.coli
ProteinLength	26-177 a.a.
Description	<p>The protein encoded by this gene is a member of the interleukin 1 cytokine family. This protein inhibits the activities of interleukin 1, alpha (IL1A) and interleukin 1, beta (IL1B), and modulates a variety of interleukin 1 related immune and inflammatory responses. This gene and five other closely related cytokine genes form a gene cluster spanning approximately 400 kb on chromosome 2. A polymorphism of this gene is reported to be associated with increased risk of osteoporotic fractures and gastric cancer. Four alternatively spliced transcript variants encoding distinct isoforms have been reported.</p>
Conjugation	HIS
Tissue specificity	The intracellular form of IL1RN is predominantly expressed in epithelial cells.
Form	Liquid
Purity	>95% by SDS-PAGE

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Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name [IL1RN interleukin 1 receptor antagonist \[Homo sapiens \]](#)

Official Symbol [IL1RN](#)

Synonyms IL1RN; interleukin 1 receptor antagonist; interleukin-1 receptor antagonist protein; ICIL 1RA; IL 1RN; IL1F3; IL1RA; interleukin 1 receptor antagonist protein; intracellular interleukin 1 receptor antagonist; IRAP; MGC10430;

Gene ID [3557](#)

mRNA Refseq [NM_000577](#)

Protein Refseq [NP_000568](#)

MIM [147679](#)

Uniprot ID [P18510](#)

Chromosome Location 2q14.2

Pathway Cytokine Signaling in Immune system, organism-specific biosystem; IL-1 Signaling Pathway, organism-specific biosystem; IL1-mediated signaling events, organism-specific biosystem; Immune System, organism-specific biosystem; Interleukin-1 signaling, organism-specific biosystem;

Function interleukin-1 Type I receptor antagonist activity; interleukin-1 Type II receptor

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antagonist activity; interleukin-1 receptor antagonist activity; interleukin-1 receptor antagonist activity; interleukin-1 receptor binding;

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