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	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.
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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