Recombinant Human IL1R1/IL1RAcP, Fc-tagged therapeutic protein(Rilonacept)

Cat. No. IL1R1&IL1RAcP-P01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL-1R1&IL-1RAcP, Fc-tagged therapeutic protein, also known as IL-1 Trap, is an interleukin 1 inhibitor.The protein is a dimeric fusion protein consisting of the ligand-binding domains of the extracellular portions of the human interleukin-1 receptor component (IL-1R1) and IL-1 receptor accessory protein (IL-1RAcP) linked in-line to the fragment-crystallizable portion (Fc region) of human IgG1 that binds and neutralizes IL-1.
Species	Human
Description	This gene encodes a cytokine receptor that belongs to the interleukin-1 receptor family. The encoded protein is a receptor for interleukin-1 alpha, interleukin-1 beta, and interleukin-1 receptor antagonist. It is an important mediator involved in many cytokine-induced immune and inflammatory responses. This gene is located in a cluster of related cytokine receptor genes on chromosome 2q12.
Endotoxin	< 0.1 EU per μg of the protein
Purity	>95%
Alias	IL1R1; IL1R, IL1RA; CD121A; D2S1473; IL-1R-1; IL-1RT1; IL-1RT-1; P80; IL1R; IL1RA; IL-1R-alpha; Rilonacept

GENE INFORMATION

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Gene Name	IL1R1 interleukin 1 receptor, type I [Homo sapiens]
Official Symbol	IL1R1
Synonyms	IL1R1; interleukin 1 receptor, type I; IL1R, IL1RA; interleukin-1 receptor type 1; CD121A; D2S1473; IL-1R-1; IL-1RT1; IL-1RT-1; antigen CD121a; interleukin receptor 1; interleukin-1 receptor alpha; interleukin-1 receptor type I; CD121 antigen-like family member A; interleukin 1 receptor alpha, type I; P80; IL1R; IL1RA; IL-1R-alpha;
Gene ID	3554
mRNA Refseq	NM_000877
Protein Refseq	NP_000868
MIM	147810
UniProt ID	P14778
Chromosome Location	2q12
Pathway	Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;
Function	interleukin-1 receptor activity; interleukin-1, Type I, activating receptor activity; platelet-derived growth factor receptor binding; protease binding; protein binding; receptor activity; signal transducer activity; transmembrane signaling receptor activity;

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