

Active Recombinant Human IL1R1 Protein

Cat. No. IL1R1-214H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL1R1 was expressed in HEK293.
Species	Human
Source	HEK293
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.
Form	1 x PBS
Bio-activity	The ED50 is 0.2 - 0.6 μ g/ml, corresponding to a specific activity of $1.7 - 5.0 \times 10^3$ units/mg, determined by the dose dependent inhibition of D10.G4.1 cell proliferation.
Molecular Mass	38 kDa
Endotoxin	Less than 0.01 ng per μ g protein as determined by the LAL method.
Purity	>95%, as determined by Coomassie stained SDS-PAGE.
Concentration	Protein formulated and vialled at >50 μ g/mL in specified buffer

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GENE INFORMATION

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

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