

## Active Recombinant Human IL1R1, HlgG1 Fc-tagged

Cat. No. IL1R1-3012H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	The extracellular domain of human IL-1R1 (AAH67506.1)(Asp21-Thr332) is fused to the N-terminus of the Fc region of a human IgG1 was expressed in CHO cell
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	21-332 a.a.
<b>Description</b>	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.
<b>Form</b>	Lyophilized from 0.2µm-filtered solution in PBS.
<b>Bio-activity</b>	Measured by its ability to inhibit IL-1 beta -dependent proliferation.
<b>Molecular Mass</b>	62KDa (monomer)
<b>AA Sequence</b>	Asp21-Thr332
<b>Endotoxin</b>	<0.06 eu/µg="" as="" determined="" by="" lal="" test.="">

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Purity</b>	>98%, by SDS-PAGE under reducing conditions.
<b>Stability</b>	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
<b>Reconstitution</b>	Reconstitute at 100µg/ml in sterile PBS.
<b>Warning</b>	Avoid freeze/thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	IL1R1 interleukin 1 receptor, type I [ Homo sapiens ]
<b>Official Symbol</b>	IL1R1
<b>Synonyms</b>	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;
<b>Gene ID</b>	3554
<b>mRNA Refseq</b>	NM_000877
<b>Protein Refseq</b>	NP_000868
<b>MIM</b>	147810
<b>UniProt ID</b>	P14778
<b>Chromosome</b>	2q12

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Location</b>	
<b>Pathway</b>	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;
<b>Function</b>	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 activ

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA