

Recombinant Rat Il1r1, Fc-His tagged

Cat. No. Il1r1-4088R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Il1r1 (NP_037255.3) extracellular domain (Met 1-Lys 352), fused with the C-terminal His-tagged Fc region of mouse IgG1, was produced in Human Cell.
Species	Rat
Source	HEK293
ProteinLength	Met 1-Lys 352
Form	Lyophilized from sterile 50 mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant rat IL1R1/mFc is a disulfide-linked homodimer. The reduced monomer comprises 562 amino acids and predicts a molecular mass of 64.6 kDa. The apparent molecular mass of the ratIL1R1/mFc monomer is approximately 90-95 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Il1r1 interleukin 1 receptor, type I \[Rattus norvegicus \]](#)

Official Symbol [Il1r1](#)

Synonyms

IL1R1; interleukin 1 receptor, type I; interleukin-1 receptor type 1; p80; IL-1R-1; IL-1RT1; IL-1RT-1; IL-1R-alpha; interleukin-1 receptor alpha; interleukin-1 receptor type I; CD121 antigen-like family member A; interleukin 1 beta receptor type 1 soluble form; interleukin 1 beta receptor type 1 long transmembrane form; interleukin 1 beta receptor type 1 short transmembrane form;

Gene ID [25663](#)

mRNA Refseq [NM_013123](#)

Protein Refseq [NP_037255](#)

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