

Recombinant Human IL1RN protein, hFc-tagged

Cat. No. IL1RN-314H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL1RN protein(NP_776214.1) (Arg 26-Glu 177) was expressed in Human Cells, fused with the Fc region of human IgG1 at the N-terminus.
Species	Human
Source	Human Cells
ProteinLength	26-177 aa
Form	Lyophilized from sterile PBS, pH 7.2.
Molecular Mass	The recombinant human IL1RA/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 389 amino acids and predicts a molecular mass of 43.8 kDa. As a result of glycosylation, the rh IL1RA/Fc monomer migrates as approximately 45-55 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 98 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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; IL1 inhibitor; IL1RN (IL1F3); type II interleukin-1 receptor antagonist; intracellular IL-1 receptor antagonist type II; intracellular interleukin-1 receptor antagonist (icIL-1ra); DIRA; MVCD4; IL-1RN; IL-1ra; IL-1ra3; ICIL-1RA;

Gene ID [3557](#)

mRNA Refseq [NM_000577](#)

Protein Refseq [NP_000568](#)

MIM [147679](#)

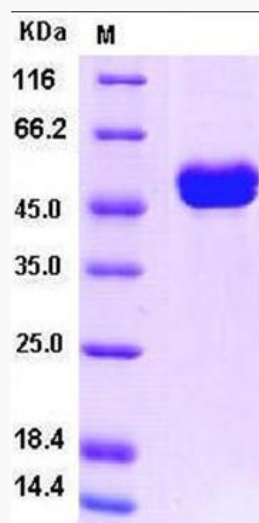
UniProt ID [P18510](#)

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SDS-PAGE



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