

Active Recombinant Human IL1RN protein

Cat. No. IL1RN-188H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL1RN protein(NP_776214.1) (Arg 26-Glu 177) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	26-177 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	1. Measured by its binding ability in a functional ELISA. Immobilized human IL1RA at 10 µg/ml (100 µl/well) can bind human IL1R2-Fc, The EC50 of human IL1R2-Fc is 0.04-0.1 µg/mL. 2. Measured by its binding ability in a functional ELISA. Immobilized human IL1RA at 10 µg/ml (100 µl/well) can bind human IL1R1-Fc, The EC50 of human IL1R1-Fc is 0.08-0.2 µg/mL.
Molecular Mass	The recombinant human IL1RA consists of 153 amino acids and predicts a molecular mass of 17.3 kDa which is also estimated by SDS-PAGE.
Purity	> 97 % 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.

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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 [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](#)

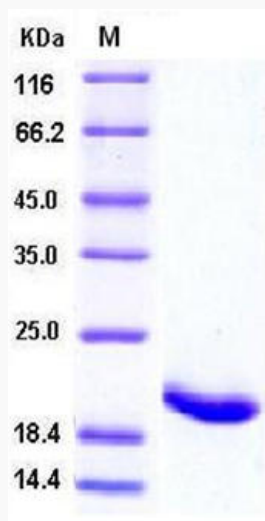
UniProt ID [P18510](#)

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SDS-PAGE



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