

IL-1 RA, human recombinant protein

IRAP, IL1F3, IL1RA, IL-1ra3, ICIL-1RA, IL1RN, IL1 inhibitor, IL-1ra, MGC10430

Catalog # PBV10198r

Specification

IL-1 RA, human recombinant protein - Product info

Primary Accession

[P18510](#)

Calculated MW

17.0 kDa KDa**IL-1 RA, human recombinant protein - Additional Info**

Gene ID

3557

Gene Symbol

IL-1RA**Other Names**

IRAP, IL1F3, IL1RA, IL-1ra3, ICIL-1RA, IL1RN, IL1 inhibitor, IL-1ra, MGC10430

Gene Source

Human

Source

E. coli

Assay&Purity

SDS-PAGE; ≥98%

Assay2&Purity2

HPLC; ≥98%

Recombinant

Yes

Results

0.5 ng/ml.

Sequence

The sequence of the first five N-terminal amino acids was determined and was found to be Met-Arg-Pro-Ser-Gly.**Target/Specificity**

IL-1 RA

Application Notes

Centrifuge the vial prior to opening. Reconstitute in sterile H₂O to a concentration ≥ 100 µg/ml. This solution can then be diluted into other aqueous buffers.

Format

Lyophilized protein

Storage

-20°C; Lyophilized without additives

IL-1 RA, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

- [Flow Cytometry](#)
- [Cell Culture](#)

IL-1 RA, human recombinant protein - Images**IL-1 RA, human recombinant protein - Background**

Interleukin-1 RA is a member of the interleukin 1 cytokine family. This protein inhibits the activities of interleukin 1-alpha (IL1A) and interleukin 1-beta (IL1B), and modulates a variety of interleukin 1 related immune and inflammatory responses. This gene and five other closely related cytokine genes form a gene cluster spanning approximately 400 kb on chromosome 2. A polymorphism of this gene is reported to be associated with increased risk of osteoporotic fractures and gastric cancer. Four alternatively spliced transcript variants encoding distinct isoforms have been reported. IL1RA Human Recombinant produced in E.Coli is a non-glycosylated, N-terminal methionyl form of the human naturally-occurring polypeptide chain containing 153 amino acids and having a molecular mass of 17000 Dalton. The IL1RA is purified by proprietary chromatographic techniques.

IL-1 RA, human recombinant protein - References

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