

IL-1 RA, murine recombinant protein

IRAP, IL1F3, IL-1ra3, ICIL-1RA, IL1RN, IL1 inhibitor, IL-1ra, F630041P17Rik,
Catalog # PBV10199r

Specification

IL-1 RA, murine recombinant protein - Product info

Primary Accession [P25085](#)
Calculated MW **17.4 kDa** KDa

IL-1 RA, murine recombinant protein - Additional Info

Gene ID	16181
Gene Symbol	IL-1RA
Other Names	
IRAP, IL1F3, IL-1ra3, ICIL-1RA, IL1RN, IL1 inhibitor, IL-1ra, F630041P17Rik,	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥98%
Assay2&Purity2	HPLC;
Recombinant	Yes
Sequence	The sequence of the first six N-terminal amino acids was determined and was found to be Ala-Cys-Arg-Pro-Ser-Gly.

Target/Specificity

IL-1 RA

Application Notes

Centrifuge the vial prior to opening. Reconstitute in sterile ddH₂O to a concentration ≥ 100 µg/ml. This solution can then be diluted into other aqueous buffers.

Format

Lyophilized protein

Storage

-20°C; Lyophilized from H₂O containing NaHCO₃

IL-1 RA, murine 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, murine recombinant protein - Images

IL-1 RA, murine 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. IL1 ra Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 153 amino acids and having a molecular mass of 17.4kDa. The IL1RA is purified by proprietary chromatographic techniques.