

# Recombinant Human IL-1RA/IL1RN Protein (Fc Tag)

RPES1775

## Description

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This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Protein Information

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**SKU:** RPES1775

**Purity:** > 98 % as determined by reducing SDS-PAGE.

**Contents:** 50µg  
Bradford Reagent: 1 vial (2ml)

**Concentration:** -

**Species:** Human

**Endotoxin:** < 1.0 EU per µg of the protein as determined by the LAL method.

**Synonyms:** IL1F, MVCD, IL1RN, DIRA, ICIL-1RA, IL-1RN, IL-1ra, IL-1ra3, IL1F3, IL1RA, IRAP, MVCD4, Anakinra, IL1 inhibitor, Interleukin-1 receptor antagonist protein, F630041P17Rik, ICIL 1RA, ICIL1RA, IL1RN (IL1F3), Interleukin 1 receptor antagonist, Intracellular IL 1 receptor antagonist type II, Intracellular interleukin 1 receptor antagonist (icIL 1ra), MGC10430, Type II interleukin 1 receptor antagonist

**Storage:** Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Store Bradford Reagent at Room Temperature for 1 year.

**Tag:** N-hFc

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Expression Host:** HEK293 Cells

**Bio-Activity:** Not validated for activity

**Calculated MW:** 43.8 kDa

**Formulation:** Lyophilized from sterile PBS, pH 7.2. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

**Observed MW:** 45-55 kDa

**Reconstitution:** Please refer to the printed manual for detailed information.

**Manufacturers Statement:** This final kit system is assembled and quality-released by Assay Genie Limited.

**Accession:** NP\_776214.1

**Source:** HEK293 Cells-derived Human IL-1RA/IL1RN protein Arg 26-Glu 177, with an N-terminal hFc

**Sequence:** Arg 26-Glu 177

**Form:** Lyophilized powder

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

**Notes:** Centrifuge before opening to ensure complete recovery of vial contents.