

## General Information

### Gene Name Synonym

Interleukin-36 Receptor Antagonist Protein, FIL1 Delta, IL-1-Related Protein 3, IL-1RP3, Interleukin-1 HY1, IL-1HY1, Interleukin-1 Delta, IL-1 Delta, Interleukin-1 Family Member 5, IL-1F5, Interleukin-1 Receptor Antagonist Homolog 1, IL-1ra Homolog 1, Interleukin-1-Like Protein 1, IL-1L1, IL36RN, FIL1D, IL1F5, IL1HY1, IL1L1, IL1RP3

### Protein Construction

A DNA sequence encoding the Human IL36RN/FIL1D/IL1F5 Met1-Asp155 is expressed.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

>95% as determined by SDS-PAGE.

### Endotoxin

<1.0 EU per µg protein as determined by the LAL method.

### Stability

Store for up to 12 months at -20°C to -80°C as

lyophilized powder. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

### Formulation

Lyophilized from a 0.2 µm filtered solution of 20mM TrisHCl, 150mM NaCl, pH 7.5.

## Usage Guide

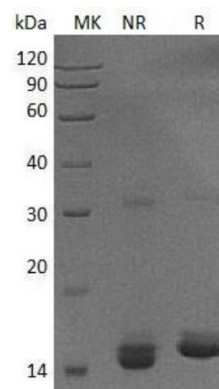
### Storage

Lyophilized protein should be stored at <-20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days.

### Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE



Human IL36RN/FIL1D/IL1F5 recombinant protein