

# Human IL37/FIL1Z/IL1F7/IL1H4/IL1RP1 recombinant protein



Catalog Number: 519845

## General Information

### Gene Name Synonym:

Interleukin-37, FIL1 Zeta, IL-1X, Interleukin-1 Family Member 7, IL-1F7, Interleukin-1 Homolog 4, IL-1H, IL-1H4, Interleukin-1 Zeta, IL-1 Zeta, Interleukin-1-Related Protein, IL-1RP1, Interleukin-23, IL-37, IL37, FIL1Z, IL1F7, IL1H4, IL1RP1

### Protein Construction:

A DNA sequence encoding the Human IL37/FIL1Z/IL1F7/IL1H4/IL1RP1 Lys53-Asp218 is expressed.

**Source:**Human

**Expression Host:**E.coli

## QC Testing

**Activity:**

**Purity:**

>95% as determined by SDS-PAGE.

**Endotoxin:**

<1.0 EU per  $\mu\text{g}$  protein as determined by the LAL method.

**Stability:**

Store for up to 12 months at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$  as lyophilized powder. Aliquots of reconstituted samples are stable at  $< -20^{\circ}\text{C}$  for 3 months.

**Predicted N terminal:**

**Molecular Mass:**

**Formulation:**

Lyophilized from a  $0.2\ \mu\text{m}$  filtered solution of 20mM PB, 150mM NaCl, 2mM DTT, pH 7.4.

**Usage Guide**

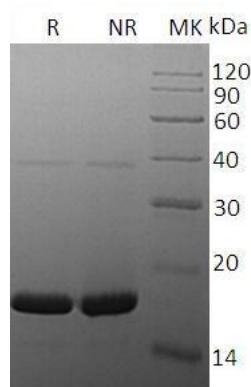
**Storage:**

Lyophilized protein should be stored at  $< -20^{\circ}\text{C}$ , though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at  $4-7^{\circ}\text{C}$  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  $100\ \mu\text{g}/\text{ml}$ . Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**SDS-PAGE:**



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