

# Recombinant Human IL37/IL1F7 Protein, No tag (Active)

## Summary

---

|                              |   |
|------------------------------|---|
| <b>Catalog No.</b>           | AHJ69501  |
| <b>Alternative Names</b>     | FIL1Z, IL37, Interleukin-1-related protein, IL-23, IL1F7, IL-37, IL1RP1, FIL1 zeta, IL-1X, Interleukin-23, IL-1F7, IL-1RP1, Interleukin-1 family member 7, Interleukin-37, Interleukin-1 homolog 4, Interleukin-1 zeta, IL-1H, IL-1H4, IL-1 zeta, IL1H4 |
| <b>Form</b>                  | Lyophilized   |
| <b>Storage buffer</b>        | Lyophilized from a solution in PBS pH 7.4, 5% Trehalose, 5% Mannitol.   |
| <b>Purity</b>                | >90% as determined by SDS-PAGE.   |
| <b>Applications</b>          | Bioactivity, ELISA, Immunogen, SDS-PAGE, WB   |
| <b>Biological activity</b>   | Measured by its ability to inhibit LPS-stimulated IL-8 secretion by human kidney epithelial cells (HK-2). The ED50 for this effect is less than 1.25 µg/mL.   |
| <b>Endotoxin level</b>       | <0.1 EU/µg of the protein by the LAL method.  |
| <b>Expression system</b>     | E. coli   |
| <b>Accession</b>             | Q9NZH6  |
| <b>Protein length</b>        | Ser2-Lys192   |
| <b>Nature</b>                | Recombinant   |
| <b>Stability and Storage</b> | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.   |

---

**Recombinant Proteins & Antibodies**

|                       |   |
|-----------------------|---|
| <b>Reconstitution</b> | Reconstitute in sterile water for a stock solution. A copy of datasheet will be provided with the products, please refer to it for details.           |
| <b>Species</b>        | Homo sapiens (Human)  |
| <b>Shipping</b>       | In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise. |
| <b>Note</b>           | For research use only.  |

## Data Image

---