Recombinant Human IL-37/IL-1F7 Protein

Catalog No.: RP00409

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Sequence Information

Species
Human

Gene ID
27178

Swiss Prot
Q9NZH6-2

Tags
No tag

Synonyms
IL37,FIL1,FIL1(ZETA),FIL1Z,IL-1F7, IL-1H,IL-1H4,IL-1RP1,IL-37,IL1F7, IL1H4,IL1RP1

Product Information

Source
E. coli

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
18.42 kDa

Observed MW
18 kDa

Endotoxin
< 0.1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.

Reconstitution
Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

This protein is a member of the interleukin 1 cytokine family. This cytokine can bind to, and may be a ligand for interleukin 18 receptor (IL18R1/IL-1Rrp). This cytokine also binds to interleukin 18 binding protein (IL18BP), an inhibitory binding protein of interleukin 18 (IL18), and subsequently forms a complex with IL18 receptor beta subunit, and through which it inhibits the activity of IL18. This gene along with eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. Five alternatively spliced transcript variants encoding distinct isoforms have been reported.

Basic Information

Description
Recombinant Human IL-37/IL-1F7 Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Lys27-Asp192) of human Interleukin-37/IL-37 (Accession #Q9NZH6-2) fused with No tag.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

400-999-6126
cn.market@abclonal.com.cn
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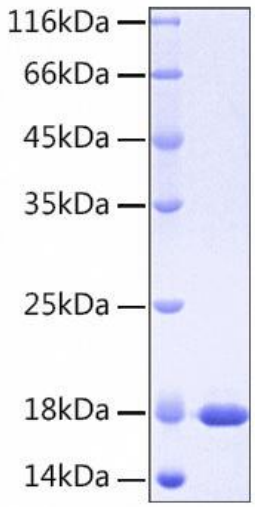
For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Recombinant Human IL-37/IL-1F7 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.