9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-18229: Recombinant Human IL-37 Protein

Uniprot ID :	Q9NZH6
Alternative Name :	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

Description

Molecular weight: 18.7 KDa
Description: Recombinant Human Interleukin-37 is produced by our E.coli expression system and the target gene encoding Lys53-Asp218 is expressed.
Human Interleukin family 1 Member 7 (IL1F7) is a member of the Interleukin 1 cytokine family. Five alternatively spliced transcript variants encoding distinct isoforms have been reported with distinct expression profiles. The longest IL1F7 transcript, referred to as IL1F7b or IL1F7 isoform 1, encodes a 218 amino acid residues proprotein containing a 45 amino acid propeptide, which is cleaved to generate mature protein. IL1F7b binds to IL18 Ra with low affinity but does not exert any IL18 agonistic or antagonistic effects. IL1F7b also binds interleukin 18 binding protein (IL-18BP), an inhibitory binding protein of interleukin 18 (IL-18), and subsequently forms a complex with IL18 receptor beta subunit, and through which it inhibits the activity of IL-18.

Product Info

Amount :	50 µg
Content :	Lyophilized from a 0.2 ?m filtered solution of 20mM PB, 150mM NaCl, 2mM DTT, pH 7.4.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.