

## 32-9080: Recombinant Human Interleukin-37/IL-37 (C-His)

**Alternative Name** : Interleukin-37; FIL1 Zeta; IL-1X; Interleukin-1 Family Member 7; IL-1F7; Interleukin-1Homolog 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

Source : E. coli;

Interleukin-1 family 1 member 7 (IL1F7) is a secretory protein that belongs to the Interleukin 1 cytokine family. Several 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, is a suppressor of innate inflammatory and immune responses involved in curbing excessive inflammation. IL1F7b binds to IL18 R 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** : 500 µg / 50 µg

**Content** : Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4

**Amino Acid** : Recombinant Human Interleukin-37 is produced by E.coli. The target gene encoding V46-D218 is expressed with a 6His tag at the C-terminus.