

## Active Recombinant Human IL37

Cat. No. IL37-853H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IL37 (Accession # NP_775297) Lys27-Asp192, fused with an N-terminal Met, was produced in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Lys27-Asp192
<b>Predicted N Terminal</b>	Met
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS and DTT.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human (rh) IL-37/IL-1F7 at 0.1 µg/mL (100 µL/well) can bind rhIL-18 R Fc Chimera with a linear range of 0.015-1 µg/mL.
<b>Molecular Mass</b>	Recombinant Human IL37, Met-tagged has a calculated MW of 18.6 kDa.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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## GENE INFORMATION

<b>Gene Name</b>	IL37 interleukin 37 [ Homo sapiens ]
<b>Official Symbol</b>	IL37
<b>Synonyms</b>	IL37; interleukin 37; IL1F7, interleukin 1 family, member 7 (zeta); interleukin-37; FIL1; FIL1(ZETA); FIL1Z; IL 1F7; IL 1H4; IL 1RP1; interleukin 1; zeta; interleukin 1 homolog 4; interleukin 1 related protein; FIL1 zeta; IL-1 zeta; IL-1X protein; interleukin-23; interleukin 1, zeta; interleukin-1 homolog 4; interleukin-1 superfamily z; interleukin 1 family member 7; interleukin-1-related protein; IL-1F7b (IL-1H4, IL-1H, IL-1RP1); IL1F7 (canonical product IL-1F7b); IL-1H; IL-37; IL1F7; IL1H4; IL-1F7; IL-1H4; IL1RP1; IL-1RP1;
<b>Gene ID</b>	27178
<b>mRNA Refseq</b>	NM_014439
<b>Protein Refseq</b>	NP_055254
<b>MIM</b>	605510
<b>UniProt ID</b>	Q9NZH6
<b>Chromosome Location</b>	2q12-q14.1

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