

Active Recombinant Human IL36B

Cat. No. IL36B-852H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL36B (Accession # NP_775270) Arg5-Glu157, fused with , was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	Arg5-Glu157
Predicted N Terminal	Arg5
Form	Lyophilized from a 0.2 µ filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured by its ability to induce IL-8 secretion in human preadipocytes. van Asseldonk, E.J. et al. (2010) Obesity 18:2234. The ED50 for this effect is typically 2 - 12 ng/mL.
Molecular Mass	Recombinant Human IL36B has a calculated MW of 17.2 kDa. In SDS-PAGE migrates as 17 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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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Reconstitution

Reconstitute at 25 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION
Gene Name

IL36B interleukin 36, beta [Homo sapiens]

Official Symbol

IL36B

Synonyms

IL36B; interleukin 36, beta; IL1F8, interleukin 1 family, member 8 (eta); interleukin-36 beta; FIL1; FIL1 (ETA); IL 1F8; IL 1H2; IL1 ETA; IL1H2; MGC126880; MGC126882; FIL1 eta; IL-1 eta; IL-1F8 (FIL1-eta); interleukin-1 eta; interleukin 1, eta; interleukin-1 homolog 2; Interleukin-1 Superfamily e; family of interleukin 1-eta; interleukin-1 family member 8; IL1F8 (Canonical product IL-1F8a); interleukin 1 family, member 8 (eta); FIL1H; IL1F8; IL-1F8; IL-1H2; IL1-ETA; FIL1-(ETA); FIL1-(ETA);

Gene ID

27177

mRNA Refseq

NM_014438

Protein Refseq

NP_055253

MIM

605508

UniProt ID

Q9NZH7

**Chromosome
Location**

2q14

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