

Active Recombinant Human IL36G Protein (Ser18-Asp169), C-His tagged, Animal-free, Carrier-free

Cat. No. IL36G-256H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL36G Protein (Ser18-Asp169) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Human
Source	E.coli
ProteinLength	Ser18-Asp169
Description	Interleukin-36 gamma (IL-36γ) consists of 134 amino acids. IL-36γ is a member of the interleukin-1 cytokine family. It plays a significant role in immune responses, particularly in inflammatory reactions, which are essential for binding with interleukin-1 receptor and serves as receptor agonists, enabling cytokine activity and generating pro-inflammatory.
Form	Lyophilized
Bio-activity	Measure by its ability to induce IL-8 secretion in A431 cells. The ED50 for this effect is < 5 ng/mL.
Molecular Mass	The protein has a calculated MW of 17.98 kDa. The protein migrates as 19 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/μg of the protein by the LAL method.

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Purity	>98% as determined by SDS-PAGE analysis.
Storage	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

Gene Name	IL36G interleukin 36, gamma [Homo sapiens (human)]
Official Symbol	IL36G
Synonyms	IL36G; interleukin 36, gamma; IL1F9, interleukin 1 family, member 9; interleukin-36 gamma; IL 1F9; IL 1H1; IL 1RP2; IL1E; IL1H1; interleukin 1 related protein 2; interleukin 1 epsilon; interleukin 1 homolog 1; IL-1 epsilon; IL-1-epsilon; IL-1(EPSILON); interleukin-1 epsilon; IL-1 related protein 2; IL-1-related protein 2; interleukin-1 homolog 1; interleukin-1 family member 9; interleukin 1 family, member 9; interleukin 1-related protein 2; IL1F9; IL-1F9; IL-1H1; IL1RP2; IL-1RP2;
Gene ID	56300

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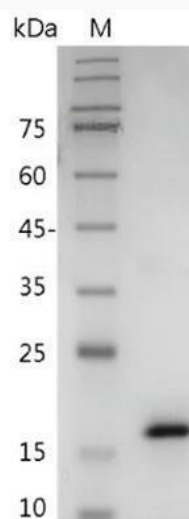
mRNA Refseq [NM_019618](#)

Protein Refseq [NP_062564](#)

MIM [605542](#)

UniProt ID [Q9NZH8](#)

**SDS-PAGE analysis
of recombinant
human IL-36 Gamma.**



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