

Recombinant Mouse Il36g Protein

Cat. No. Il36g-176M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il36g Protein without tag was expressed in E. coli.
Species	Mouse
Source	E.coli
Description	Interleukin 36 gamma (IL-36 £) is a member of the interleukin 1 (IL-1) cytokine family and protects against pathogens in the skin, lung, and stomach epithelial barriers. IL-36 £ binds the interleukin-1 receptor accessory protein (IL-1RAcP) and the orphan IL-1R-related protein 2 (IL-1Rrp2) receptors to activate NF-kB and MAP kinase signaling pathways, resulting in the induced production of inflammatory cytokines and chemokines.
Bio-activity	No biological activity data is available at this time.
Molecular Mass	Monomer, 17.5 kDa (153 aa)
AA Sequence	MGRETPDFGEVFDLDQQVWIFRNQALVTVPRSHRVTPVSVTILPCKYPESLEQDKGI AIYLGIQNPDKCLFCKEVNGHPTLLKKEEKILDLYHHPEPMKPFLFYHTRTGGTSTFE SVAFFPGHYIASSKTGNPIFLTSSKKEYYNINFNLDIKS
Endotoxin	≤1 EUs/µg, Kinetic LAL
Purity	≥95%, Reducing and Non-Reducing SDS PAGE

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Stability	12 months from date of receipt when stored at -20 to -80 centigrade as supplied. 1 month when stored at 4 centigrade after reconstituting as directed. 3 months when stored at -20 to -80 centigrade after reconstituting as directed.
Storage	Storage Prior to Reconstitution: -20 centigrade
Storage Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
Reconstitution	Sterile 10 mM sterile HCl at 0.1 mg/mL
Shipping	Room temperature
Instructions	Centrifuge vial before opening. Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80 centigrade and avoid repeat freeze thaws.

GENE INFORMATION

Gene Name	Il36g interleukin 36G [Mus musculus (house mouse)]
Official Symbol	Il36g
Synonyms	Il36g; interleukin 36G; If36g; Il1f9; IL-36gamma; interleukin-36 gamma; IL-1F9; interleukin 1 family, member 9
Gene ID	215257
mRNA Refseq	NM_153511

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Protein Refseq	NP_705731
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UniProt ID	Q8R460
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