

IL-36 gamma/IL-1F9 Recombinant Protein | IL36G recombinant protein

Recombinant Mouse IL-36 gamma/IL-1F9 Protein

CATALOG # AAA283363	HOST HEK293 cells
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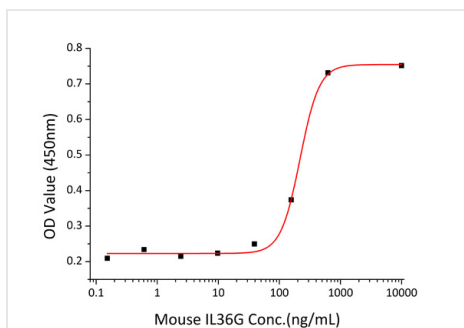
PRODUCT SYNONYMS

IL-36 gamma/IL-1F9; Recombinant Mouse IL-36 gamma/IL-1F9 Protein; If36g; Il1f9; IL-36gamma; IL36G recombinant protein

PRODUCT SPECIFICATIONS

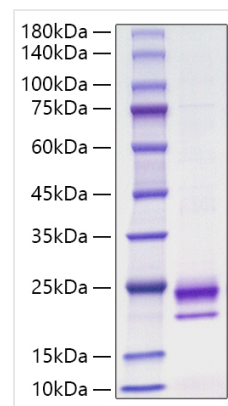
Host	HEK293 cells
Purity/Purification	>95% by SDS-PAGE.
Form/Format	Lyophilized from a 0.22 um filtered solution of PBS, pH7.4.
Sequence	GRETPDFGEV FDLQQVWIF RNQALVTVPR SHRVTPVSVT ILPCKYPESL EQDKGIAIYL GIQNPDKCLF CKEVNGHPTL LLKEEKILD L YHHPEPMKPF LFYHTRTGGT STFESVAFPG HYIASSKTGN PIFLTSKKGE YYNINFNLDI KS
Species	Mouse
Tag	C-His
Endotoxin	<0.01EU/ug
Bio-Activity	Measured by its ability to induce IL-6 secretion by NIH?3T3 mouse embryonic fibroblast cells. Towne, J.E. et al. (2004) J. Biol. Chem. 279:13677. The ED ₅₀ for this effect is 0.1-0.4ug/mL, corresponding to a specific activity of 2.5×10 ³ ~1×10 ⁴ units/mg.
Preparation and Storage	Store at -20 degree C. Store the lyophilized protein at -20 degree C to -80 degree C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week.

IMAGES



Application Data

Recombinant Mouse IL36G induce IL-6 secretion by NIH?3T3 mouse embryonic fibroblast cells. Towne, J.E. et al. (2004) J. Biol. Chem. 279:13677. The ED₅₀ for this effect is 0.1-0.4 ug/mL, corresponding to a specific activity of 2.5×10³~1×10⁴ units/mg.



SDS-PAGE

Recombinant Mouse Interleukin-36 gamma/IL36G Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 20 kDa.

ADDITIONAL INFORMATION

Related Product Information for IL36G recombinant protein	The protein is a member of the interleukin 1 cytokine family. The activity of this cytokine is mediated by interleukin 1 receptor-like 2 (IL1RL2/IL1R-rp2), and is specifically inhibited by interleukin 1 family, member 5 (IL1F5/IL-1 delta). Interferon-gamma, tumor necrosis factor-alpha and interleukin 1, beta (IL1B) are reported to stimulate the expression of this cytokine in keratinocytes. The expression of this cytokine in keratinocytes can also be induced by a contact hypersensitivity reaction or herpes simplex virus infection.
Product Categories/Family for IL36G recombinant protein	Cytokines & Cytokine receptors; Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	25008588
NCBI GeneID	215257
UniProt Accession #	Q8R460; Q14BB6
UniProt Protein Name	Interleukin-36 gamma
UniProt Gene Name	IL36g
UniProt Synonym Gene Names	IL1f9; IL-1F9
UniProt Entry Name	IL36G_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/il36g-recombinant-protein-hek293-cells/283363>