

Recombinant Mouse Interleukin-36 Gamma (IL36g)

Cat. No.: AP2C912

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 500 µg; 1 mg

Product Overview

BioVenic's Recombinant Mouse Interleukin-36 Gamma (IL36g) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 18.7 kDa. The purity is >90%.

Specifications

Type	Recombinant Protein
Species	Mouse
Expression System	<i>E.coli</i>
Purity	>90%
Endotoxin	< 1.0 EU/µg
Predicted Molecular Weight	18.7 kDa
Physical State	Lyophilized
Formulation	0.01 mol/L PBS (pH 7.2) containing 0.2% (w/v) Procline-300.

Target Information

Mouse Interleukin-36 Gamma (IL36g) is a pro-inflammatory cytokine belonging to the IL-1 family. It plays a role in immune response and inflammation. IL36g is involved in the activation of immune cells such as T cells and dendritic cells. It can induce the production of pro-inflammatory cytokines and chemokines, promoting the recruitment and activation of immune cells at sites of infection or inflammation. IL36g has been implicated in various inflammatory diseases, including psoriasis and autoimmune conditions. Understanding its function and regulation may provide insights into developing therapeutic strategies for these diseases.

Protein	Mouse Interleukin-36 Gamma (IL36g)
Protein Synonym	Interleukin-1 family member 9; IL-1F9
Gene ID	215257
UniProt ID	Q8R460

Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -20°C for 1 year. After reconstitution, the protein solution can be stored at 2-8°C for 2-7 days.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Aliquot the reconstituted solution to minimize freeze-thaw cycles.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.