

Human IL-36γ Protein, His tag (Animal-Free)

Cat #: PRP1005

Size: 5 µg/20 µg/100 µg/1 mg

Product Information

	Product Name: Human IL-36γ Protein, His tag (Animal-Free)		
REF	Catalog Number: PRP1005	LOT	Lot Number: Refer to product label
	Purity: > 98 % as determined by SDS-PAGE		
	Storage: Store at -20°C		Preparation method: E.coli
	Shipping: The product is shipped at ambient temperature.		

Background: Interleukin-36 gamma (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.

Sequence: Amino acid sequence derived from Human IL-36γ (Ser18-Asp169) (Q9NZH8-1) was expressed with 6×His tag at the C-terminus.

Protein length: The recombinant Human IL-36γ consists of 152 amino acids and predicts a molecular mass of 17.98 kDa.

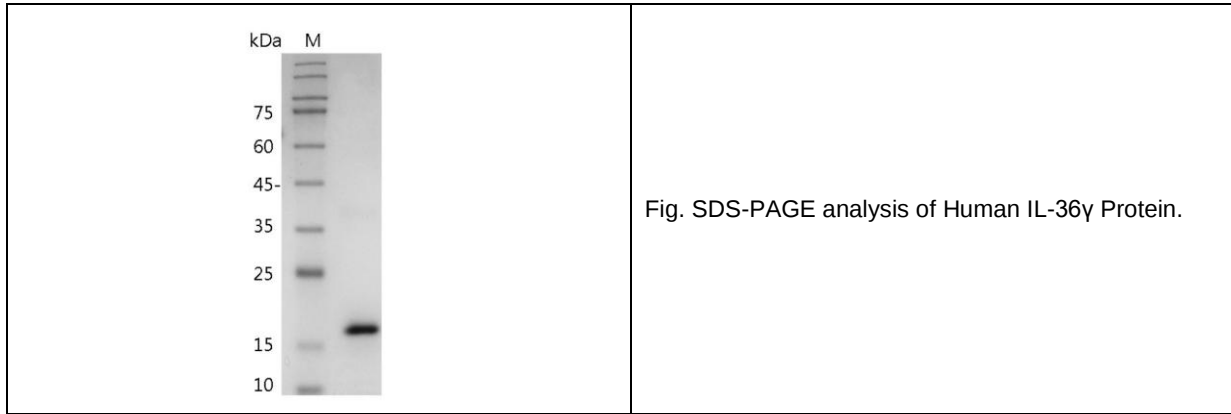
Biological Activity: Measured by its ability to induce IL-8 secretion in A431 cells. The ED₅₀ for this effect is <5 ng/mL.

Endotoxin: <0.1 EU per 1 µg of the protein by the LAL method.

Formulation: Lyophilized from sterile PBS, pH 8.0.

Storage Instructions: Lyophilized protein product should be stored desiccated below -18°C. Upon reconstitution, the protein should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (5% HSA, 10%FBS, 0.1%BSA or 5% trehalose solution). Please prevent freeze-thaw cycles.

Usage notes: Always centrifuge tubes before opening. It is recommended to reconstitute the lyophilized recombinant protein to a concentration of 0.1-1 mg/mL using sterile H₂O, and keep at room temperature for at least 20 min to fully dissolve. Please avoid vortex vigorously.



Note: The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.