


Human IL36-gamma protein

Cat #: PRP1029

Size: 10 µg/50 µg/100 µg/1 mg

Product Information

	Product Name: Human IL36-gamma protein		
REF	Catalog Number: PRP1029	LOT	Lot Number: Refer to product label
	Purity: > 98% as determined by SDS-PAGE		
	Storage: Store at -20°C		Preparation method: <i>E.Coli</i>
	Shipping: The product is shipped at ambient temperature.		

Background: The IL-1 family is comprised of 11 structurally related ligands, including recently re-named IL-36 α (IL-1F6), β (IL-1F8) and γ (IL-1F9). IL-36γ is highly expressed in psoriatic plaques and in tissues containing epithelial cells. IL-36γ signals through the IL-1Rrp2 (IL-1R6) receptor, which is primarily expressed on certain dendritic cells. The interaction of the IL-1Rrp2 receptor with IL-36 ligands induces dendritic cell maturation and activation. IL-36γ also functions as an agonist of NF-κB, and can stimulate the inflammatory response in bronchial epithelial cells.

Sequence: Amino acid sequence derived from Human IL36-gamma (Q9NZH8)(Ser18-Asp169) was expressed.

Protein length: The recombinant Human IL36-gamma consists of 152 amino acids and has a predicted molecular mass of 16.7 kDa.

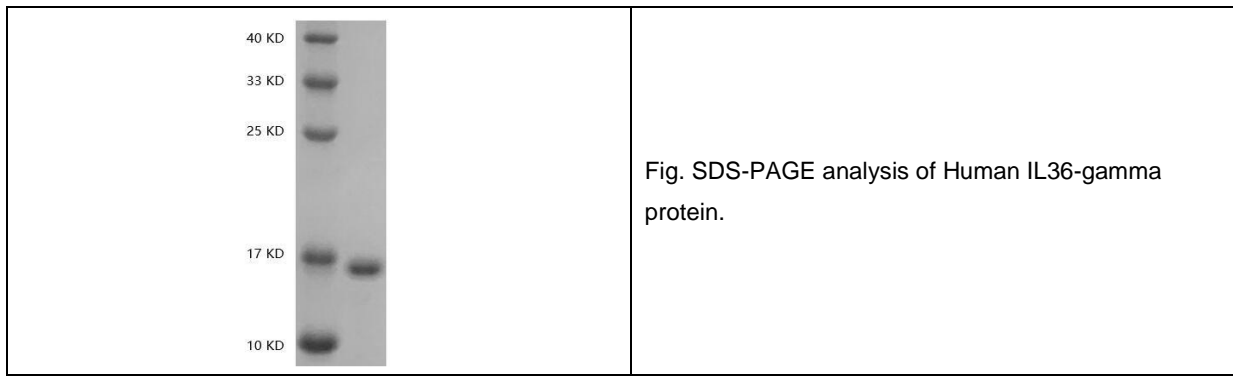
Biological Activity: Test in progress.

Endotoxin: <1.0 EU per µg of the protein as determined by the LAL method.

Formulation: Lyophilized from sterile 20 mM tris 50 mM NaCl, pH 6.5.

Storage Instructions: Lyophilized Human IL36-gamma 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 (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Usage notes: Always centrifuge tubes before opening. It is recommended to reconstitute the lyophilized Human IL36-gamma protein using the buffer we provided not less than 100 µg/mL, which can then be further diluted to other aqueous solutions.



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.