

Animal-Free Recombinant Human IL-36 γ (IL-1F9)
Catalog # PBG10526**Specification**

Animal-Free Recombinant Human IL-36 γ (IL-1F9) - Product Information**Animal-Free Recombinant Human IL-36 γ (IL-1F9) - Additional Information****Description**

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-36 γ is highly expressed in psoriatic plaques and in tissues containing epithelial cells. IL-36 γ 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-36 γ also functions as an agonist of NF-kappaB, and can stimulate the inflammatory response in bronchial epithelial cells. Recombinant human IL-36 γ is a 17.0 kDa protein containing 152 amino acid residues.

Biological Activity

Measured by its ability to induce IL-8 production by human PBMCs.

Authenticity

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

Endotoxin

Endotoxin level is <0.1 ng/ μ g of protein (<1EU/ μ g).

Protein Content

Verified by UV Spectroscopy and/or SDS-PAGE gel.

Storage

-20°C

Precautions

Animal-Free Recombinant Human IL-36 γ (IL-1F9) is for research use only and not for use in diagnostic or therapeutic procedures.

Animal-Free Recombinant Human IL-36 γ (IL-1F9) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Animal-Free Recombinant Human IL-36 γ (IL-1F9) - Images