

32-20446: Recombinant Human IL-36 Gamma (IL-1F9)(Discontinued)

Reactivity : Human

Alternative Name : Interleukin-36Gamma, IL-1F, IL-1Epsilon (epsilon), IL-1H1

Description

Source: **E.coli** The IL-1 family is comprised of 11 structurally related ligands, including recently re-named IL-36 Alpha (IL-1F6), Beta (IL-1F8) and Gamma (IL-1F9). IL-36Gamma is highly expressed in psoriatic plaques and in tissues containing epithelial cells. IL-36Gamma 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-36Gamma also functions as an agonist of NF- κ B, and can stimulate the inflammatory response in bronchial epithelial cells. Recombinant Human IL-36Gamma is a 17.0 kDa protein containing 152 amino acid residues.

Product Info

Amount : 2 μ g / 10 μ g

Purification : Purity: \geq 95% by SDS-PAGE gel and HPLC analyses.

Content : This recombinant protein is supplied in lyophilized form.

Amino Acid : SMCKPITGTI NDLNQVWTL QGQNLVAVPR SDSVTPVTVA VITCKYPEAL EQGRGDPIYL
GIQNPEMCLY CEKVGEQPTL QLKEQKIMDL YGQPEPVKPF LFYRAKTGRT STLESVAFPD
WFIASSKRDQ PIILTSELGK SYNTAFELNI ND

Application Note

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