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32-8743: Recombinant Human Interleukin-36 gamma/IL-36gamma/IL-1F9

Gene : IL36G
Gene ID : 56300
Uniprot ID : Q9NZH8

Description

Source: E.coli.
MW :17kD.
Recombinant Human Interleukin-36 gamma is produced by our E.coli expression system and the target gene encoding Ser18-Asp169 is expressed. Interleukin-36 gamma (IL-36 gamma) is a member of the interleukin 1 cytokine family that includes three closely related genes, IL-36 alpha , beta , and gamma , formerly known as IL-1F6, F8, and F9 respectively. IL-36 alpha has been detected in both neuronal and synovial tissue, whereas IL-36 beta and IL-36 gamma are expressed in both cutaneous and mucosal epithelial cells, including the respiratory tract. IL-36 beta and IL-36 gamma stimulate proliferation, maturation and/or cytokine expression by innate immune cells (such as keratinocytes and dendritic cells), and adaptive immune cells (neutrophils and T-cells) in both humans and mice. The activity of IL-36 alpha is mediated by interleukin 1 receptor-like 2 (IL1RL2/IL1R-rp2), and is specifically inhibited by interleukin 1 family, member 5 (IL1F5/IL-1 delta). IL-36 gamma plays an important role in communicating the cell death to surrounding cells.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM Tris,100mM Nacl,0.1mM EDTA,pH8.0.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	SMCKPITGTINDLNQQVWTLQGQNLVAVPRSDSVTPVTVAVITCKYPEALEQGRGDPIYLGIQNPEMCLYCEKV GEQPTLQLKEQKIMDLYGQPEPVKPFLFYRAKTGRTSTLESVAFPDWFIASSKRDQPIILTSELGKSYNTAFELNIN D

Application Note

Endotoxin : Less than 0.1 ng/Ã□Âµg (1 IEU/Ã□Âµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.