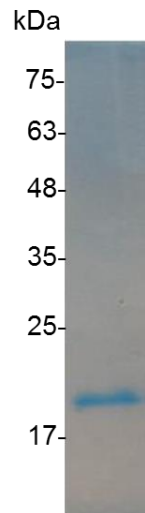


IL-36 gamma (Interleukin-36 gamma), Human

v. 231001

Catalog number	C01043-5UG / C01043-20UG / C01043-100UG
Package	5 µg / 20 µg / 100 µg
Description	The expression of IL-36γ is high in psoriatic plaques and in tissues including epithelial cells. Signaling of IL-36γ through the IL-1Rrp2 receptor, which is mainly expressed on certain dendritic cells. The interaction between the IL-36 ligands and IL-1Rrp2 receptor trigger dendritic cell maturation and activation. IL-36γ also work as an agonist of NF-κB, consequently, stimulate the inflammatory response in bronchial epithelial cells.
Source	<i>Escherichia coli</i>
Sequence	MSMCKPITGTINDLNQQVWTLQGQNLVAVPRSDSVTPVTVAVITCKYPEALEQ GRGDPIYLGIQNPEMCLYCEKVGEPQLQLKEQKIMDLYGQPEPVKPFIFYRAK TGRTSTLESVAFPDWFIASSKRDQPIILTSELGKSYNTAFELNIND with polyhistidine tag at the C-terminus
Endotoxin level	<0.1 EU per 1 µg of the protein by the LAL method.
Activity	Measure by its ability to induce IL-8 secretion in A431 cells. The ED ₅₀ for this effect is <5 ng/mL.
Purity	>98% as determined by SDS-PAGE.
Form	Lyophilized
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Stability & Storage	This product is stable after storage at: <ul style="list-style-type: none"> -20°C for 12 months in lyophilized state from date of receipt. -20°C or -80°C for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.



SDS-PAGE analysis of recombinant human IL-36 gamma

For research use only.