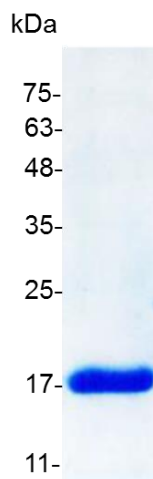


## PRODUCT INFORMATION

**IL-36 gamma (Interleukin-36 gamma), Mouse**

<b>Catalog number</b>	C02039-5UG / C02039-20UG / C02039-100UG
<b>Package</b>	5 µg / 20 µg / 100 µg
<b>Description</b>	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.
<b>Source</b>	<i>Escherichia coli</i>
<b>Sequence</b>	MGRETPDFGEVFDLDQQWIFRNQALVTVPRSHRVTPVSVTILPCKYPESLEQ DKGIAIYLGIQNPDKCLFCKEVNGHPTLLLKEEKILDLYHHPEPMKPFLFYHTRTG GTSTFESVAFPGHYIASSKTGNPIFLTSKKGEYYNINFNLDIKS with polyhistidine tag at the C-terminus
<b>Endotoxin level</b>	<0.1 EU per 1 µg of the protein by the LAL method.
<b>Activity</b>	Measure by its ability to induce IL-6 secretion in 3T3 cells. The ED <sub>50</sub> for this effect is <15 ng/mL. The specific activity of recombinant mouse IL-36 gamma is > 6 x 10 <sup>4</sup> IU/mg.
<b>Purity</b>	>98% as determined by SDS-PAGE. Ni-NTA chromatography
<b>Formulation</b>	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H <sub>2</sub> O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
<b>Storage</b>	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
<b>Note</b>	Please use within one month after protein reconstitution.



SDS-PAGE analysis of recombinant mouse IL-36 gamma

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