

RPCB0934

Product Information

Product SKU:	RPCB0934	Gene ID:	282618	Size:	10µg
Tag:	C-His	Reactivity:	Human		

Additional Information

Expression Host:	HEK293 cells	Swissprot:	Q8IU54
Purity:	> 95% by SDS-PAGE.		

Protein Information

Background: This protein is also known as cytokine Zcyto21, Interferon lambda-1, IFN-lambda-1, and IFNL1, is a secreted protein which belongs to the IL-28 / IL-29 family. IL-29 is a cytokine with immunomodulatory activity. IL-29 is highly similar in amino acid sequence to the IL-28. IL-28 and IL-29 are induced by viral infection and showed antiviral activity. IL-28 and IL-29 interacted with a heterodimeric class II cytokine receptor that consisted of IL-1 receptor beta (IL-1Rbeta) and an orphan class II receptor chain, designated IL-28Ralpha. IL-29 plays an important role in host defenses against microbes and its gene is highly upregulated in cells infected with viruses. IL-29 may play a role in antiviral immunity. IL-29 up-regulates MHC class I antigen expression. It is a Ligand for the heterodimeric class II cytokine receptor composed of IL1RB and IL28RA. The ligand / receptor complex seems to signal through the Jak-STAT pathway.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human IFN-lambda 1/IL-29 Protein , tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.

Endotoxin: Please contact us for more information.

Formulation: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.

Contact Details | Dublin, Ireland

Email: techsupport@assaygenie.com | **Web:** www.assaygenie.com

Copyright © 2024 Assay Genie Ltd, All Rights Reserved. All information / detail is correct at time of going to print.

Storage:

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.