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Datasheet for ABIN7520198 IL28A Protein (His tag)

Overview

Quantity:	10 µg
Target:	IL28A
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL28A protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human IFN-lambda 2/IL-28A Protein
Sequence:	VPVARLHGAL PDARGCHIAQ FKSLSPQELQ AFKRAKDALE ESLLKDCRC HSRLFPTWD LRQLQVRERP MALEAELALT LKVLEATADT DPALVDVLDQ PLHTLHHILS QFRACIQPQP TAGPRTGRRL HHWLYRLQEA PKKESPGCLE ASVTFNLFRL LTRDLNCVAS GDLCV
Specificity:	Val26-Val200
Purity:	> 97 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.

Target Details

Target:	IL28A
Alternative Name:	IFN-lambda 2/IL-28A (IL28A Products)

Target Details

Background:	<p>Description: IL 28A (Interferon-lambda 2, IFN-lambda 2), IL-28B/IFN-lambda 3, and IL-29/IFN-lambda 1 are type III interferons which are distantly related to IL-10 family and type I IFN family cytokines . IL 28A ,interleukin 28B (IL28B), and interleukin 29 (IL29) are three closely related cytokine which are expression can be induced by viral infection.In the liver, the IL-28A induced Th1 cytokine response contributes to inflammation in T cell mediated hepatitis. IL-28A additionally exhibits anti-tumor activity, in part by enhancing IL-12 dependent anti-tumor CTL responses in vivo . In contrast, it is up-regulated in invasive bladder cancer where it promotes tumor cell migration.</p> <p>Name: IFNL2,IL-28A,IL28A, IFNL2a, IFNL3a, IL-28A</p>
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Gene ID:	282616
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UniProt:	Q8IZJ0
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
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Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
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Storage:	-20 °C,-80 °C
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Storage Comment:	<p>Store the lyophilized protein at -20°C to -80 °C for long term.</p> <p>After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.</p>
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