Active GMP Recombinant Human IFNL1 protein

Cat. No. IFNL1-349HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human IFNL1 protein(NP_742152.1)(184 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human IFN-λ1(NP_742152.1) was expressed with His tag at the C-terminal.
Bio-activity	This depends on its ability to activate the phosphorylation of STAT. The ISRE luciferase report was analyzed with human colon cancer COLO205 cells. Expected ED50 is 0.2-0.5ng/ml.
Molecular Mass	Recombinant Human IFN-λ1 contains 184 aa. It has a predicted MW of 20.6 kDa.
Endotoxin	<=0.01EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	IFNL1 interferon lambda 1 [Homo sapiens (human)]
Official Symbol	IFNL1
Synonyms	IL29; IL-29
Gene ID	282618
mRNA Refseq	NM_172140.2
Protein Refseq	NP_742152.1
MIM	607403
UniProt ID	Q8IU54

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