

Recombinant Human IFNL1 Protein

Cat. No. IFNL1-118H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNL1 Protein without tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	Interleukin 29 (IL-29), also known as IFN-λ, is a type III interferon produced by virally infected cells. IL-29 plays an important role in host defenses against microbes and antiviral activity. IL-29 shares homology with interleukin 28 (IL-28) and binds the class II cytokine receptor IL-28R.
Bio-activity	No biological activity data is available at this time.
Molecular Mass	Monomer, 19.9 kDa (179 aa)
AA Sequence	MPTSKPTTTGKGCHIGRFKSLSPQELASFKKARDALEESLKLKNWSCSSPVFPGNW DLRLLQVRERPVALEAELALTLKVLEAAAGPALEDVLDQPLHTLHHILSQLQACIQPQ PTAGPRPRGRLHHWLHRLQEAPKKESAGCLEASVTFNLFRLLTRDLKYVADGNLCL RTSTHPEST
Endotoxin	≤1 EUs/μg, Kinetic LAL
Purity	≥95%, Reducing and Non-Reducing SDS PAGE
Stability	12 months from date of receipt when stored at -20 to -80 centigrade as supplied.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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	1 month when stored at 4 centigrade after reconstituting as directed. 3 months when stored at -20 to -80 centigrade after reconstituting as directed.
Storage	Storage Prior to Reconstitution: -20 centigrade
Storage Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
Reconstitution	Sterile water at 0.1 mg/mL
Shipping	Room temperature
Instructions	Centrifuge vial before opening. Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80 centigrade and avoid repeat freeze thaws.

GENE INFORMATION

Gene Name	IFNL1 interferon lambda 1 [Homo sapiens (human)]
Official Symbol	IFNL1
Synonyms	IFNL1; interferon lambda 1; IL29; IL-29; interferon lambda-1; IFN-lambda-1; cytokine Zcyto21; interleukin 29 (interferon, lambda 1); interleukin-29
Gene ID	282618
mRNA Refseq	NM_172140
Protein Refseq	NP_742152

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MIM	www.omim.org/entry/607403
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UniProt ID	Q8IU54
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