

32-12116: Human Interferon-lambda

Gene : IFNL1
Gene ID : 282618
Uniprot ID : Q8IU54
Alternative Name : Cytokine Zcyto21, Interleukin-29, IL29, ZCYTO21

Description

Source: Genetically modified E.coli.

Predicted MW: Monomer, 19.9 kDa (179 aa)

IFN-lambda, also known as IL-29, is a type III interferon produced by virally infected cells. IFN-lambda plays an important role in host defenses against microbes and antiviral activity. IFN-lambda shares homology with interleukin 28 (IL-28) and binds the class II cytokine receptor IL-28R.

Product Info

Amount : 20 µg / 100 µg
Purification : Reducing and Non-Reducing SDS PAGE at $\geq 95\%$
Content : Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
Sterile water at 0.1 mg/mL
Storage condition : Store at -20°C
Amino Acid : MPTSKPTTTG KGCHIGRFKS LSPQELASFK KARDALEESL KLKNWSCSSP VFPGNWDLRL LQVRERPVAL
EAELALTLKV LEAAAGPALE DVLDQPLHTL HHLSQLQAC IQPQPTAGPR PRGRLHHWLH RLQEAPKKES
AGCLEASVTF NLFRLLTRDL KYVADGNLCL RTSTHPEST

Application Note

Endotoxin: Less than $0.1 \text{ ng}/\mu\text{g}$ ($1 \text{ IEU}/\mu\text{g}$) as determined by LAL test.

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°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vialled to compensate for this loss.

