

Murine IFN-lambda-2 / IL-28A

Murine Interferon- λ 2 / Interleukin-28A, recombinant

Synonyms: IFN-lambda-2, Interleukin-28A, IL-28A, Ifnl2, Il28a, EG330496.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
5 μ g	1479.960.005		
20 μ g	1479.960.020		
1 mg	1479.960.199		

Please enquire for bulk quantities and other vial sizes

Description

Recombinant Murine Interleukin-28A produced in *E. Coli* is a single, non-glycosylated polypeptide chain containing 174 amino acids and having a total molecular mass of 19.7kDa.

- **Biological Activity** $\geq 3.3 \times 10^5$ IU/mg
- **Source** *E. Coli*
- **Purity** $\geq 95\%$ (SDS-PAGE, RP-HPLC)
- **Endotoxin level** $\leq 0.1\text{ng}/\mu\text{g}$ ($\leq 1\text{EU}/\mu\text{g}$)
- **Buffer** The Mouse IL-28A is lyophilized from a 0.2 μ m filtered concentrated solution in PBS, pH 7.4 and 5% trehalose*
- **Physical state** Sterile filtered, lyophilized

Biological Activity

The ED₅₀ of $\geq 3.3 \times 10^5$ IU/mg was determined by an anti-viral assay using human HepG2 cells infected with encephalomyocarditis (EMC) virus is less than 3 ng/ml.

Reconstitution

We recommend a quick spin followed by reconstitution in sterile water to a concentration of at least 100 μ g/ml, which can then be further diluted to other aqueous solutions. **Do not vortex.**

Stability

Lyophilized IFN-Lambda 2 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IFN-Lambda 2 Recombinant should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA, order number: [2835.955.xyz](#) or [2835.958.xyz](#), or BSA, order number: [2835.919.xyz](#)). **Please avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

DPVPRATRLP VEAKDCHIAQ FKSLSPKELQ AFKKAKDAIE KRLLEKDMRC SSHLISRWD LKQLQVQERP
 KALQAEVALT LKVWENMTDS ALATILGQPL HTLSHIHSQL QTCTQLQATA EPKPPSRRLS RWLHRLQEAQ
 SKETPGCLED SVTSNLFRLI TRDLKCVASG DQCV

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.