

Interleukin-28A Human Recombinant

Item Number	rAP-0618
Synonyms	Interleukin-28A, IL-28A, IFN-Lambda 2, IFN-Lambda 2, Cytokine ZCYTO20, IL28A, IFNL2, ZCYTO20.
Description	IL-28A human recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 175 amino acids and having a molecular mass of 19.6 kDa.
Uniprot Accesion Number	Q8IZJ0
Amino Acid Sequence	VPVAR LHGALPDARG CHIAQFKSLS PQELQAFKRAKDALEESLLL KDCRCHSRFL PRTWDLRQLQ VRERPMALAE ELALTLKVLE ATADTDPALV DVLDQPLHTL HHILSQFRAC IQPQPTAGPR TRGRLHHWLY RLQEAPKKES PGCLEASVTFLNLFRLTRDL NCVASGDLCV.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. 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 or BSA). Please prevent freeze-thaw cycles.
Formulation and Purity	Lyophilized from a 0.2 µm filtered solution containing no additives. Greater than 85% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized IL-28A in sterile 18MΩ-cm H ₂ O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**