

32-6471: IL28B Human

Alternative Name : Lambda 3, IL28B, Interleukin 28B (IFN, Lambda 3), Cytokine Zcyto22, Interleukin-28B, Interleukin-28C, IFN-Lambda-3, IL-28B, IL-28C, IL28C, Lambda 4, Interleukin 28B, Interleukin 28C, IFN-Lambda-4, ZCYTO22, IFNL3.

Description

Source: Sf9, Baculovirus cells.

Sterile filtered colorless solution.

IL-28B is a cytokine remotely related to type I α IFNs and the IL-10 family. Interleukin-28B, interleukin 28A (IL28A), and interleukin 29 (IL29) are 3 closely related cytokine genes which form a cytokine gene cluster on a chromosomal region mapped to 19q13. Expression of the cytokines encoded by these 3 genes can be induced by viral infection. All 3 cytokines interact with a heterodimeric class II cytokine receptor which consists of interleukin 10 receptor, beta (IL10RB) and interleukin 28 receptor, alpha (IL28RA).

IL 28B produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (22-196 a.a.) and fused to a 6 aa His Tag at C-terminus containing a total of 181 amino acids and having a molecular mass of 20.4kDa. IL 28B shows multiple bands between 18-28kDa on SDS-PAGE, reducing conditions and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 μ g / 10 μ g
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	IL 28B protein solution (0.25mg/ml) contains Phosphate buffered saline (pH7.4), 20% glycerol, 1mM EDTA and 0.1mM PMSF.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid :	VPVARLRGAL PDARGCHIAQ FKSLSPELQ AFKRAKDALE ESLLKDKCK RSRLFPRTWD LRQLQVRERP VALEAELALT LKVL EATADT DPALGDVLDQ PLHTLHHILS QLRACIQQP TAGPRTRGRL HHWLHRLQEA PKKESPGCLE ASVTFNLFRL LTRDLNCVAS GDLCVHHHHHH.