

32-12204: Human Interleukin-22

Gene : IL22
Gene ID : 50616
Uniprot ID : Q9GZX6
Alternative Name : Cytokine Zcyto18, IL-10-related T-cell-derived-inducible factor, IL-TIF

Description

Source: Genetically modified E.coli.

Predicted MW: Dimer, 16.9/33.8 kDa (147/294 aa)

Interleukin 22 (IL-22), also called IL-TIF, is an IL-10 family member that is produced by activated dendritic cells and T lymphocytes. IL-22 signals via a heteroduplex receptor consisting of IL-22R and IL-10RB chains. IL-22 is a potent mediator of cellular inflammatory responses.

Product Info

Amount : 10 µg / 100 µg
Purification : Reducing and Non-Reducing SDS PAGE at $\geq 95\%$
Content : 0.1mg/ ml from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium citrate, pH 3.0
Storage condition : Store at -20°C
Amino Acid : MAPISSHCRL DKSNFQQPYI TNRTFMLAKE ASLADNNTDV RLIGEKLFHG VSMERCYLM KQVLNFTLEE VLFPSDRFQ PYMQEVPFL ARLSNRLSTC HIEGDDLHIQ RNVQKLKDTV KKLGESGEIK AIGELDLLFM SLRNACI

Application Note

Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) 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.



