

32-12204: Human Interleukin-22

Gene : IL22

Gene ID : 50616

Uniprot ID : Q9GZX6

Alternative Name : Cytokine Zcyc18, 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 >= 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 DKS NFQQPYI TNRTFMLAKE ASLADNNTDV RLIGKLFHG VMSERCYLM
KQVLNFTLEE VLFPSDRFQ PYMQEVVPFL 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 vial to compensate for this loss.



