

## 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 VSMSERCYLM KQVLNFTLEE VLFPSQSDRFQ 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 vialled to compensate for this loss.



