

## 32-12206: Mouse Interleukin-22 (AF)

**Gene :** IL22

**Gene ID :** 50929

**Uniprot ID :** Q9JJY9

**Alternative Name :** IL-10-related T-cell-derived-inducible factor, IL-TIF alpha, Interleukin-22a

### Description

**Source:** Genetically modified E.coli.

**Predicted MW:** Monomer, 16.8 kDa (147 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 and wound healing.

### Product Info

**Amount :** 10 µg / 100 µg

**Purification :** Reducing and Non-Reducing SDS PAGE at  $\geq 95\%$

**Content :** Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)

Sterile water at 0.1 mg/mL

**Storage condition :** Store at  $-20^{\circ}\text{C}$

**Amino Acid :** MLPVNTRCKL EVSNFQQPYI VNRTFMLAKE ASLADNNTDV RLIGEKLFGRG VSAKDQC CYLM  
KQVLNFTLED VLLPQSDRFQ PYMQEVVPFL TKLSNQLSSC HISGDDQNIQ KNVRLKETV KKLGESGEIK  
AIGELDLLFM SLRNACV

### Application Note

**Endotoxin:** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Biological Activity was determined by Production of IL-10 from human COLO-205 cells at  $\leq 1$  ng/mL;  $\geq 1.0 \times 10^6$  units/mg. 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  $-80^{\circ}\text{C}$  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.



