

32-12205: Mouse Interleukin-22

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°C

Amino Acid : MLPVNTRCKL EVSNFQQPYI VNRTFMLAKE ASLADNNTDV RLIGEKLFRG VSAKDQCYLM
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 ≤ 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°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.



