



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Recombinant Mouse IL-22 Animal Free

CLY200-77AF-2UG  
CLY200-77AF-10UG  
CLY200-77AF-100UG  
CLY200-77AF-500UG  
CLY200-77AF-1MG

**Alternate Names:** IL-TIF

**Description:** 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-10Rbeta chains. IL-22 is a potent mediator of cellular inflammatory responses and wound healing.

**Presentation:** 2 µg, 10 µg, 100 µg, 500 µg or 1 mg, sterile filtered white lyophilized (freeze-dried) powder. Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA).

**Source:** Genetically modified *E.coli*. This product is produced with no animal or human origin raw products. All processing and handling employs animal free equipment and animal free protocols.

**Predicted MW:** Monomer, 16.8 kDa (with 147 amino acids).

**Reconstitution:** Sterile water at 0.1 mg/mL. 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.

**Stability:** 12 months from date of receipt when stored at -20 to -80°C as supplied. 1 month when stored at 4°C after reconstituting as directed. 3 months when stored at -20 to -80°C after reconstituting as directed.

**Purity:** ≥95% as determined by reducing and non-reducing SDS-PAGE.

**Endotoxin Level:** ≤1 EUs/µg protein Kinetic LAL 50% confidence.

**Biological Activity:** Production of IL-10 from human COLO-205 cells. ED50 ≤1 ng/mL (≥ 1.0 x 10<sup>6</sup> units/mg).

**AA Sequence:**

MLPVNTRCKL EVSNFQQPYI VNRTFMLAKE ASLADNNTDV RLIGEKLFGRG VSAKDQCYLM  
KQVLNFTLED VLLPQSDRFQ PYMQEVVPFL TKLSNQLSSC HISGDDQNIQ KNVRRLLKETV KKLGESGEIK  
AIGELDLLFM SLRNACV

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MW 11/20/20

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