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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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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 EU/µg protein Kinetic LAL 50% confidence.

Biological Activity: Production of IL-10 from human COLO-205 cells. ED50 ≤1 ng/mL (≥ 1.0 x 10⁶ units/mg).

AA Sequence:

MLPVNTRCKL EVSNFQQPYI VNRTFMLAKE ASLADNNTDV RLIGEKLFGRG VSAKDQCXYLM
KQVLNFTLED VLLPQSDRFQ PYMQEVVPFL TKLSNQLSSC HISGDDQNIQ KNVRRRLKETV KKLGESGEIK
AIGELDLLFM SLRNACV

Laboratory Reagent For Research Use Only

MW 11/20/20

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