

IL-22, Human CellExp™, human recombinant

CATALOG #:	7272-10	10 µg
ALTERNATE NAMES:	IL-22, IL-TIF, ZCYTO18	
SOURCE:	HEK 293 cells (Ala 34 - Ile 179)	
PURITY:	≥ 95% by SDS-PAGE gel	
MOL. WEIGHT:	Calculated MW of 17.2 kDa with no tag. The predicted N-terminus is Ala 34.	
ENDOTOXIN LEVEL:	<0.2 EU/µg by LAL method	
FORM:	Lyophilized	
FORMULATION:	Lyophilized after extensive dialysis against PBS.	

STORAGE CONDITIONS: Store at -20°C. After reconstitution, aliquot and store at -20°C and use within 3 months. Avoid repeated freezing and thawing cycles.

RECONSTITUTION: Centrifuge the vial prior to opening. Reconstitute in sterile deionized water to a concentration of 100 µg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 month. For extended storage, it is recommended to store at -20°C.

DESCRIPTION: Interleukin-22 (IL-22) is a member of the IL-10 family of regulatory cytokines which includes IL-10, IL-19, IL-20, IL-22, IL-24 and IL-26. Members of this family share partial homology in their amino acid sequences, but they are dissimilar in their biological functions. Produced by T lymphocytes, IL-22 inhibits IL-4 production by Th2 cells, and induces acute phase reactants in the liver and pancreas. IL-22 signals through a receptor system consisting of IL-10R-β/CRF2-4 and IL-22R, both of which are members of the class II cytokine-receptor family.

BIOLOGICAL ACTIVITY:

Active, measured by its ability to activate STAT following receptor ligand interaction.

RELATED PRODUCTS:

- IL-22, human recombinant (**Cat # 4601-10, -1000**)
- IL-22, murine recombinant (**Cat # 4602-10, -50, -1000**)
- IL-22 Antibody (**Cat # 5597-100**)

FOR RESEARCH USE ONLY! Not to be used in humans.