

Bioactive

IL22 (Human) Recombinant protein

Catalog # P8802 Size 5 ug

Specification

Product Description	Human IL22 (Q9GZX6, 34 a.a. - 179 a.a) partial recombinant protein with His tag at C-terminal expressed in Sf9 cells.
Sequence	ADPAPISSHC RLDKSNFQQP YITNRTFMLA KEASLADNNT DVRLIGEKLFGHGVSMSERCYLMKQVLNFTL EEVLFPQSDR FQPYMQEVVP FLARLSNRLS TCHIEGDDLH IQRNVQKLKD TVKKLGESGE IKAIGELDLL FMSLRNACIH HHHHH.
Host	insect
Theoretical MW (kDa)	17.8
Form	Liquid
Preparation Method	Insect cell (Sf9) expression system
Purity	> 90% by SDS-PAGE.
Activity	The ED ₅₀ as determined by the ability to induce IL-10 secretion using COLO 205 human colorectal adenocarcinoma cell is 1.2 ng/mL.
Storage Buffer	In PBS, pH 7.4 and 10% glycerol
Storage Instruction	Store at 4°C for 2~4 week. For long term storage store at -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — IL22

Entrez GeneID	50616
Protein Accession#	Q9GZX6
Gene Name	IL22
Gene Alias	IL-21, IL-22, IL-D110, IL-TIF, IL21, ILTIF, MGC79382, MGC79384, TIFIL-23, TIFa, zcyto18
Gene Description	interleukin 22
Omim ID	605330
Gene Ontology	Hyperlink
Other Designations	IL-10-related T-cell-derived inducible factor interleukin 21

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Colonic Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Infant](#)
- [Psoriasis](#)
- [Respiratory Syncytial Virus Infections](#)