

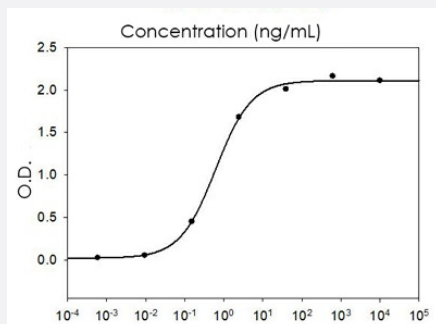
Bioactive

IL22 (Human) Recombinant Protein

Catalog # P8054

Size 50 ug

Applications



Result of bioactivity analysis

Result of bioactivity analysis

Specification

Product Description

Human IL22 (Q9GZX6, 34 a.a. - 179 a.a.) partial length recombinant protein with His tag expressed in Baculovirus expression system.

Sequence

APISSHCRLDKSNFQQPYITNRTFMLAKEASLADNNTDVRLLIGKLFHGVSMSERCYLMKQVLNFT
LEEVLFPQSDRFQPYMQEVVPFLARLSNRLSTCHIEGDDLHIQRNVQKLKDTVKKLGESGEIKAIG
ELDLLFMSLRNACI

Host

Viruses

Theoretical MW (kDa)

17.8

Form

Liquid

Preparation Method

Baculovirus expression system

Purity	> 90% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	ED ₅₀ is < 1.2 ng/mL, measured by the IL-10 ELISA in a using COLO 205 human colorectal adenocarcinoma cells.
Quality Control Testing	3 ug by SDS-PAGE under reducing condition and visualized by Coomassie blue stain.
Storage Buffer	In Phosphate-Buffer Saline pH 7.4 (10% glycerol)
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of bioactivity analysis Result of bioactivity analysis

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](#)