

Bioactive

IL22 (Human) Recombinant Protein

Catalog # P7461

Size 10 ug

Specification

Product Description	Human IL22 (Q9GZX6, 34 a.a. - 179 a.a.) partial recombinant protein expressed with an N-terminal Met in <i>Escherichia coli</i> .
Sequence	APISSHCRLDKSNFQQPYITNRTFMLAKEASLADNNTDVRIGEKLFHGVSMSERCYLMKQVLNFT LEEVLFPQSDRFQPYMQEVVPFLARLSNRLSTCHIEGDDLHIQRNVQKLKDTVKKLGESGEIKAIG ELDLLFMSLRNACI
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	~ 16.9
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 98% as analyzed by SDS-PAGE.
Endotoxin Level	< 0.2 EU/ ug of protein (gel clotting method)
Activity	ED ₅₀ < 1.0 ng/mL, measured by the ability to induce IL-10 secretion in COLO 205 (human colon carcinoma cells).
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS. Reconstitute the lyophilized powder in ddH ₂ O or PBS up to 100 ug/mL.
Storage Instruction	Store at 4°C for 1 week. For long term storage store at -20°C to -80°C. 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](#)