

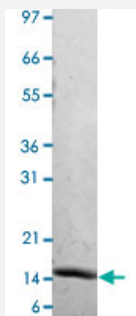
Bioactive

IL22 (Human) Recombinant Protein

Catalog # P4580

Size 10 ug

Applications



Specification

Product Description	Human IL22 (Q9GZX6) recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	MAPISSHCRLDKSNFQQPYITNRTFMLAKEASLADNNTDVRLIGEKLFGVSMSERCYLMKQVLNFTLEEVLFPQSDRFQPYMQEVPFLARLSNRLSTCHIEGDDLHIQRNVQKLKDTVKKLGESGEIKAI GELDLLFMSLRNACI
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	33.6
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Endotoxin Level	< 0.1 EU/ug
Activity	The activity is determined by the dose-dependent induction of IL-10 in COLO 205 cells. The expected ED ₅₀ for this effect is 125 ng/mL.
Quality Control Testing	1 ug/lane in 4-20% Tris-Glycine gel Stained with Coomassie Blue
Storage Buffer	Lyophilized with 10 mM sodium citrate, pH 3.0.

Storage Instruction

Store at -20°C on dry atmosphere.
After reconstitution with sterilized water, store at -20°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](#)