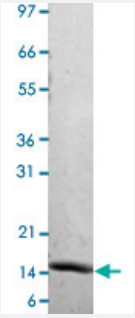
Bioactive

IL22 (Human) Recombinant Protein

Catalog # P4580 Size 10 ug

Applications



Specification

Product Description	Human IL22 (Q9GZX6) recombinant protein expressed in *Escherichia coli*.
Sequence	MAPISSHCRLDKSNFQQPYITNRTFMLAKEASLADNNTDVRLIGEKLFHGVSMSERCYLMKQVLNF TLEEVLFPQSDRFQPYMQEVVPFLARLSNRLSTCHIEGDDLHIQRNVQKLKDTVKKLGESGEIKAI GELDLLFMSLRNACI
Host	Escherichia coli
Theoretical MW (kDa)	33.6
Form	Lyophilized
Preparation Method	*Escherichia coli* 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 expecte d 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.

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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

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- Genetic Predisposition to Disease
- Hepatitis C
- Infant
- Psoriasis
- Respiratory Syncytial Virus Infections

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