

IL22 active protein

Recombinant Human IL22

CATALOG #
AAA214257

HOST
E Coli

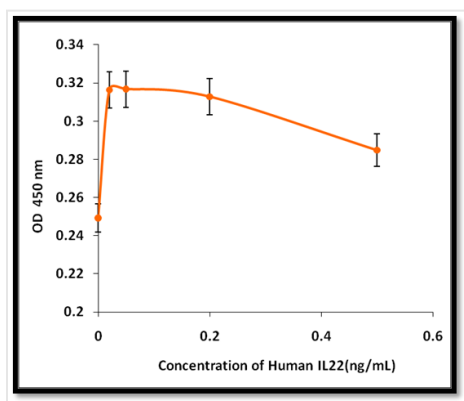
PRODUCT SYNONYMS

IL22; Recombinant Human IL22; IL-22; IL-TIF; Cytokine Zcyto18; IL-10-related T cell-derived-inducible factor; ILTIF; ZCYTO18; Recombinant Human Interleukin-22 (IL22); IL22 active protein

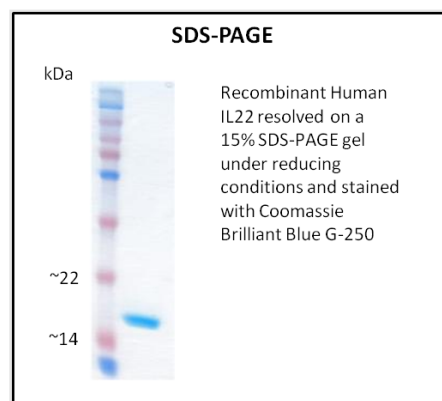
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from 0.2 um filtered concentrated (1.0 mg/mL) solution in 500 mM NaCl, 20 mM Tris, pH 8.0.
Sequence Length	179
Bioactivity	Activity was determined by the ability to inhibit growth of human A549 cancer cells at concentrations ranging between 50-100 ng/mL.
Endotoxin Level	<1.0 EU/ug of recombinant protein as determined by the LAL method.
Reconstitution	A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.
Preparation and Storage	Upon reconstitution, this cytokine can be stored in working aliquots at 2-8 degree C for one month, or at -20 degree C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for IL22 active protein

Originally identified as a gene induced by IL-9 in mouse T cells and mast cells, IL-22 is a member of the IL-10 family of cytokines. IL-22 inhibits IL-4 production by Th2 cells, and induces acute phase reactants in the pancreas and liver. The IL-22 receptor complex consists of two receptor subunits, IL-22R and IL-10R-beta that belong to the class II cytokine receptor family. Recombinant human IL-22 is a non-disulfide-linked homodimeric protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10092625
NCBI GeneID	50616
NCBI Accession #	NP_065386.1
NCBI GenBank Nucleotide #	NP_065386.1
UniProt Accession #	Q9GZX6
Molecular Weight	17.0 kDa
NCBI Official Full Name	interleukin-22
NCBI Official Synonym Full Names	interleukin 22
NCBI Official Symbol	IL22
NCBI Official Synonym Symbols	TIFa; IL-21; IL-22; ILTIF; IL-TIF; IL-D110; zcyto18; TIFIL-23
NCBI Protein Information	interleukin-22
UniProt Protein Name	Interleukin-22
UniProt Gene Name	IL22
UniProt Synonym Gene Names	ILTIF; ZCYTO18; IL-22; IL-TIF
UniProt Entry Name	IL22_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/il22/214257>