

## IL-22 recombinant protein

Recombinant Human IL-22 Protein

|                               |                             |
|-------------------------------|-----------------------------|
| CATALOG #<br><b>AAA282576</b> | HOST<br><b>HEK293 cells</b> |
|-------------------------------|-----------------------------|

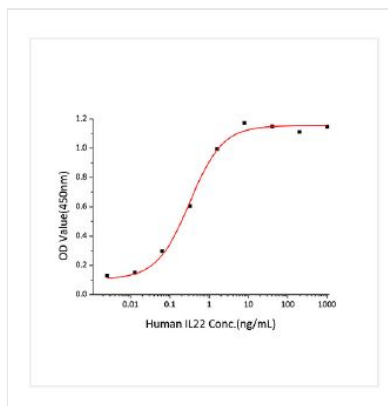
### PRODUCT SYNONYMS

IL-22; Recombinant Human IL-22 Protein; Interleukin-22; Cytokine Zcyto18; IL-TIF; IL-D110; TIFa; TIFIL-23; ZCYTO18; IL22; IL-22 recombinant protein

### PRODUCT SPECIFICATIONS

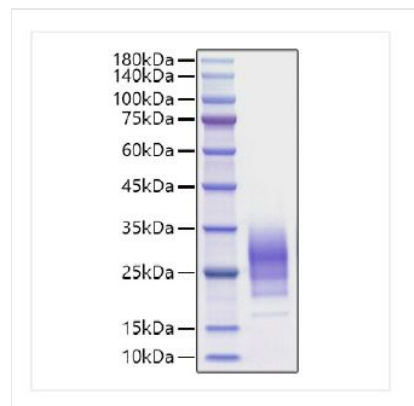
|                         |                                                                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | HEK293 cells                                                                                                                                                                                                                                  |
| Purity/Purification     | > 95% by SDS-PAGE.                                                                                                                                                                                                                            |
| Form/Format             | Liquid<br>Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.                                                                                                                                                                        |
| Species                 | Human                                                                                                                                                                                                                                         |
| Tag                     | C-His                                                                                                                                                                                                                                         |
| Bioactivity             | Measured by its ability to induce IL-10 secretion in COLO 205 human colorectal adenocarcinoma cells. The ED50 for this effect is 160-640 pg/mL.                                                                                               |
| Preparation and Storage | Store the lyophilized protein at -20 to -80 degree C for 12 months. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles.<br>Ship: Ice Pack |

### IMAGES



#### Application Data

Recombinant Human IL-22 induce IL-10 secretion in COLO 205 human colorectal adenocarcinoma cells. The ED50 for this effect is 160-640 pg/mL.



#### SDS-PAGE

Active Recombinant Human IL-22 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 17-35 kDa.

### ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                   |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for IL-22 recombinant protein | Recombinant Human IL-22 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ala34-Ile179) of human IL-22 (Accession #NP_065386.1) fused with and a 6×His tag at the C-terminus. |
| Product Categories/Family for IL-22 recombinant protein   | <a href="#">Cytokines &amp; Cytokine receptors</a>                                                                                                                                                                                |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 10092625                                                                                                                       |
| NCBI GeneID                      | 50616                                                                                                                          |
| NCBI Accession #                 | NP_065386.1                                                                                                                    |
| NCBI GenBank Nucleotide #        | NM_020525.4                                                                                                                    |
| UniProt Accession #              | Q9GZX6                                                                                                                         |
| Molecular Weight                 | 20,011 Da                                                                                                                      |
| 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; cytokine Zcyto18; IL-10-related T-cell-derived inducible factor; IL-10-related T-cell-derived-inducible factor |
| 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/il22-recombinant-protein-hek293-cells/282576>