

## Interleukin 22 (IL22) Protein | IL22 protein

Eukaryotic Interleukin 22 (IL22)

|                               |                          |                                               |
|-------------------------------|--------------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA147133</b> | HOST<br><b>293F cell</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|--------------------------|-----------------------------------------------|

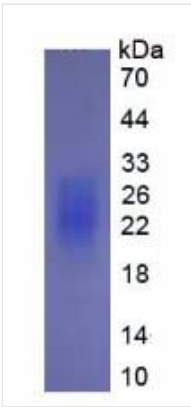
### PRODUCT SYNONYMS

Interleukin 22 (IL22); Eukaryotic Interleukin 22 (IL22); ILTIF; Zcyto18; IL-TIF; IL-D110; TIFa; TIFIL-23; IL-22; Cytokine Zcyto18; IL-10-Related T-Cell-Derived Inducible Factor; IL22 protein

### PRODUCT SPECIFICATIONS

|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                     | 293F cell                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Purity/Purification                      | > 97%                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Form/Format                              | Freeze-dried powder                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Sequence Length                          | 179                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Applicable Applications for IL22 protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                                                                                                                                                                                                                                                                                                                                                                               |
| Fragment                                 | Ala34~Ile179                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Tag                                      | N-terminal His Tag                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Buffer Formulation                       | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5% Trehalose and Proclin300.                                                                                                                                                                                                                                                                                                                                                                               |
| Source Note                              | Eukaryotic expression                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Organism Species                         | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Endotoxin Level                          | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Isoelectric Point                        | 7.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Subcellular Location                     | Secreted                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Usage                                    | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.                                                                                                                                                                                                                                                                                                                                                                      |
| Preparation and Storage                  | Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months.<br>The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

IMAGES



Sequence

APISSHC RLDKSNFQQP  
YITNRTFMLA KEASLADNNT DVRLIGEKLFGVSMSERCY LMKQVLNFTL  
EEVLFQSDR FQPYMQEVVP FLARLSNRLS TCHIEGDDLH IQRNVQKLKD  
TVKKLGESGE IKAIGELDLL FMSLRNACI

SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for IL22 protein Eukaryotic proteins

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                 | 18.4kDa; 22kDa                                                |
| 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                                 |

**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.