



Recombinant Human IL22 Protein Product Manual

1. Product Basic Information

Product No.: REP07211

Protein Name: Interleukin 22 (IL22)

Aliases: TIFa; IL-21; IL-22; ILTIF; IL-TIF; IL-D110; zcyto18; TIFIL-23; interleukin 22; interleukin-22; cytokine Zcyto18; IL-10-related T-cell-derived inducible factor

UniProt ID: Q9GZX6

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9GZX6/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Full Length of Mature Protein (34-179aa)

Molecular Weight: 18.1 kDa

Protein Tag: N-terminal 10xHis-tagged

2. Amino Acid Sequence (34-179aa)

APISSHCRLDKSNFQQPYITNRTFMLAKEASLADNNTDVRLIGEKLFGVSMSERCY
LMKQVLNFTLEEVLPQSDRFQPYMQEVPFLARLSNRLSTCHIEGDDLHIQRNVQ
KLKDTVKKLGESGEIKAIGELDLLFMSLRNACI

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human IL22 full length of mature protein protein (34-179aa) expressed in Mammalian cell. The protein is with 10xHis tag at the N-terminus, which facilitates protein purification, detection and identification. IL22, also known as TIFa or IL-21 or IL-22, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.