



Recombinant Llama IL4 Protein Product Manual

1. Product Basic Information

Product No.: REP07226

Protein Name: IL4

Aliases: BSF1; IL-BCGF1; BSF-BCGF-binetraikin; pitraikinra

UniProt ID: P05112

UniProt Link: <https://www.uniprot.org/uniprotkb/P05112/entry>

Species Source: Lama glama (Llama)

Expression System: Mammalian cell

Protein Length: Full Length of Mature Protein (25-133aa)

Molecular Weight: 14.6 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (25-133aa)

HKCDITLQEIIKTLNLTARKNSCMELTVADVFAAPKNTTEKETFCKAATALRHIYRHH
NCLSKHLSGLDRNLSGLANTTCSVNDSKKSTLRDFLERLKKIMKEKYSKC

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 Llama IL4 full length of mature protein protein (25-133aa) expressed in Mammalian cell. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. IL4, also known as BSF1 or IL-BCGF1 or BSF-BCGF-binetraquin, 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.