



Recombinant Human BTNL3 Protein Product Manual

1. Product Basic Information

Product No.: REP06286

Protein Name: Btn9.Butyrophilin Like Butyrophilin-Like Receptor (BTNL3)

Aliases: BTNLR; BTN9.butyrophilin like butyrophilin-like receptor; butyrophilin-like protein 3

UniProt ID: Q6UXE8

UniProt Link: <https://www.uniprot.org/uniprotkb/Q6UXE8/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (18-237aa)

Molecular Weight: 72.3 kDa

Protein Tag: N-terminal MBP-tagged and C-terminal 6xHis-Avi-tagged

2. Amino Acid Sequence (18-237aa)

QWQVTGPGKFVQALVGEDAVFSCSLFPETSAEAMEVRFFRNQFHAVVHLYRDGE
DWESKQMPQYRGRTEFVKDSIAGGRVSLRLKNITPSDIGLYGCWFSSQIYDEEATW
ELRVAALGSLPLISIVGYVDGGIQLLCLSSGWFPQPTAKWKGPQGQDLSSDSRANA
DGYSLYDVEISIIVQENAGSILCSIHAEQSHEVESKVLIGETFFQPSPWRLAS

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

5. Product Description

This product is a recombinant Human BTNL3 partial protein (18-237aa) expressed in E.coli. The protein is dual-tagged with MBP tag at the N-terminus and 6xHis-Avi tag at the C-terminus, which facilitates protein purification, detection and identification. BTNL3, also known as BTNLR or BTN9.butyrophilin like butyrophilin-like receptor or butyrophilin-like protein 3, 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.