



Recombinant Human BTN3A2 Protein Product Manual

1. Product Basic Information

Product No.: REP06284

Protein Name: Btn3.Butyrophilin Protein (BTN3A2)

Aliases: BTF4; BT3.CD277; BTN3.butyrophilin protein; butyrophilin subfamily 3 member A2

UniProt ID: P78410

UniProt Link: <https://www.uniprot.org/uniprotkb/P78410/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Extracellular Domain (30-248aa)

Molecular Weight: 39.6kDa

Protein Tag: N-terminal 6xHis-SUMO-tagged

2. Amino Acid Sequence (30-248aa)

QFSVLGPSGPILAMVGEDADLPCHLFPTMSAETMELKWVSSSLRQVVNVYADGKE
VEDRQSAPYRGRTSILRDGITAGKAALRIHNVTASDSGKYLCYFQDGDIFYEKALVEL
KVAALGSNLHVEVKGYEDGGIHLECRSTGWYPQPQIQWSNAKGENIPAVEAPVVA
DGVGLYEVAASVIMRGGSGEGVSCIIRNSLLGLEKTASISADPFFRSAQPW

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 BTN3A2 extracellular domain protein (30-248aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. BTN3A2, also known as BTF4 or BT3.CD277 or BTN3.butyrophilin protein, 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.