



Recombinant Human BTLA Protein Product Manual

1. Product Basic Information

Product No.: REP06279

Protein Name: B And T Lymphocyte Associated (BTLA)

Aliases: BTLA1; CD272; B and T lymphocyte associated; B- and T-lymphocyte attenuator; B- and T-lymphocyte-associated protein

UniProt ID: Q7Z6A9

UniProt Link: <https://www.uniprot.org/uniprotkb/Q7Z6A9/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Partial (31-150aa)

Molecular Weight: 42.7 kDa

Protein Tag: C-terminal mFc-Avi-tagged

2. Amino Acid Sequence (31-150aa)

KESCDVQLYIKRQSEHSILAGDPFELECPVKYCANRPHVTWCKLNGTTCVKLEDRQ
TSWKEEKNISFFILHFEPVLPNDNGSYRCSANFQSNLIESHSTTLTYVTDVKSASERP
SKDEMAS

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 BTLA partial protein (31-150aa) expressed in Mammalian cell. The protein is with mFc-Avi tag at the C-terminus, which facilitates protein purification, detection and identification. BTLA, also known as BTLA1 or CD272 or B and T lymphocyte associated, 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.