

RPPB2916

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## Product Information    Protein Information

**Product SKU:**

RPPB2916

**Accession:**

O00481

**Host:**

Sf9, Baculovirus cells.

**Protein description:**

BTN3A1 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 464 amino acids (30-254a.a.) and having a molecular mass of 51.1kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa).BTN3A1 is expressed with a 239 amino acid hlgG-His Tag at C-Terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Butyrophilin Subfamily 3 Member A1, BTF5, DJ45P21.3 (Butyrophilin, Subfamily 3, Member A1), Butyrophilin, Subfamily 3, Member A1, CD277 Antigen, BTN3.1, BT3.1, CD277, Butyrophilin subfamily 3 member A1.

**Formulation:**

BTN3A1 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

QFSVLGSPSGP ILAMVGEDAD LPCHLFPTMS AETMELKWVS SSLRQVVNVY ADGKEVEDRQ SAPYRGRTSI  
LRDGITAGKA ALRIHNVTAS DSGKYLCYFQ DGDFYEKALV ELKVAALGSD LHVDVKGYKD GGIHLECRST  
GWYPQPQIQW SNNKGENIPT VEAPVVADGV GLYAVAASVI MRGSSGEGVS CTIRSSLLGL EKTASISIAD  
PFFRSAQRWI AALAGLEPKS CDKTHTCPPC PAPELLGGPS VLFPPPKPKD TLMISRTPEV TCVVVDVSHE  
DPEVKFNWYV DGVEVHNAKT KPREEQYNST YRVVSVLTVL HQDWLNGKEY KCKVSNKALP APIEKTISKA  
KGQPREPQVY TLPPSRDELT KNQVSLTCLV KGFYPSDIAV EWESNGQPEN NYKTTPPVLD SDGSFFLYSK  
LTVDKSRWQQ GNVFSCSVMH EALHNHYTQK SLSLSPGKHH HHHH.