

## Butyrophilin Subfamily 3 Member A1 Human Recombinant

<b>Item Number</b>	rAP-4340
<b>Synonyms</b>	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.
<b>Description</b>	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 hIlg-His Tag
<b>Uniprot Accession Number</b>	O00481
<b>Amino Acid Sequence</b>	QFSVLGPSGP ILAMVGEDAD LPCHLFPTMS AETMELKWVS SSLRQVVNVY ADGKEVEDRQ SAPYRGRTSI LRDGITAGKA ALRIHNVTAS DSGKYLCYFQ DGDFYEKALV ELKVAALGSD LHVDVKGYKD GGIHLECRST GWYPQPQIQW SNNKGENIPT VEAPVVADGV GLYAVAASVI MRGSSGEGVS CTIRSSLLGL EKTASISIAD PFFRSAQRWI AALAGLEPKS CDKTHTCPPC PAPELLGGPS VFLFPPKPKD TLMISRTPEV TCVVVDVSHE DPEVKFNWYV DGVEVHNAKT KPREEQYNST YRVVSVLTVL HQDWLNGKEY KCKVSNKALP APIEKTISKA
<b>Source</b>	Sf9, Baculovirus cells.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. 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.
<b>Formulation and Purity</b>	BTN3A1 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**