

32-17994: Recombinant Human BTN3A3 Protein, His Tag

Uniprot ID : O00478

Alternative Name : BTF3

Description

Molecular Characterization: BTN3A3(Gln30-Trp248) 6 \times His tag

Molecular weight: The protein has a predicted molecular mass of 24.4 kDa after removal of the signal peptide. The apparent molecular mass of BTN3A3-His is approximately 25-35 kDa due to glycosylation.

Description: Recombinant human BTN3A3 protein with C-terminal 6 \times His tag

The butyrophilin (BTN) genes are a group of major histocompatibility complex (MHC)-associated genes that encode type I membrane proteins with 2 extracellular immunoglobulin (Ig) domains and an intracellular B30.2 (PRYSPRY) domain. Three subfamilies of human BTN genes are located in the MHC class I region: the single-copy BTN1A1 gene (MIM 601610) and the BTN2 (e.g., BTN2A1; MIM 613590) and BTN3 (e.g., BNT3A3) genes, which have undergone tandem duplication, resulting in 3 copies of each (summary by Smith et al., 2010 [PubMed 20208008]).[supplied by OMIM, Nov 2010]

Product Info

Amount : 100 μ g / 50 μ g

Content : Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

Storage condition : Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.