

## 32-9193: Recombinant Human BTN3A1/CD277 (C-hFc)

**Alternative Name :** Butyrophilin subfamily 3 member A1; CD277; BTN3A1; BTF5

### Description

Source : Human 293 Cells;

BTN3A1, also known as CD277, is a type I transmembrane glycoprotein that belongs to the Ig superfamily. BTN3A1 is expressed on various immune cells. Similar to BTN3A2 and BTN3A3, BTN3A1 is composed of an extracellular N-terminal IgV and a membrane-proximal IgC domain followed by a transmembrane domain and a cytoplasmic tail. These Ig domains are also found in B7 family co-stimulatory molecules, suggesting structural and functional similarities between the two protein families. BTN3A1 is essential for the activation of Vgamma9Vdelta2 T cells following the detection of distressed cells. The anti-tumor responses of Vgamma9Vdelta2 T cells may be enhanced with agonistic anti-BTN3A1 antibodies.

### Product Info

**Amount :** 500 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of PBS, 5% Trehalose, 0.01% Tween 80, pH7.4

**Amino Acid :** Recombinant Human Butyrophilin Subfamily 3 Member A1 is produced by our Mammalian expression system and the target gene encoding Gln30-Gly254 is expressed with a Fc tag at the C-terminus.