

## 32-7926: Recombinant Human Butyrophilin 3A2/BTN3A2 (C-6His)

**Gene :** BTN3A2

**Gene ID :** 11118

**Uniprot ID :** P78410

### Description

Source: Human Cells.

MW :24.6kD.

Recombinant Human Butyrophilin 3A2 is produced by our Mammalian expression system and the target gene encoding Gln30-Trp248 is expressed with a 6His tag at the C-terminus. Butyrophilin subfamily 3 member A2, also known as BT3.2, BTF3, BTF4 and BTN3A2, is a single-pass type I membrane protein. It is a member of the butyrophilin (BTN) family and the immunoglobulin (IG) superfamily. BTN3A2 plays a role in T-cell responses in the adaptive immune response and inhibits the release of IFNG from activated T-cells.

### Product Info

**Amount :** 10 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.

**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

**Amino Acid :** QFSVLGSPGPILAMVGEDADLPCHLFPTMSAETMELKWVSSSLRQVVNVYADGKEVEDRQSAPYR  
GRTSILRDGITAGKAALRIHNVTASDSGKYLCYFQDGFYEKALVELKVAALGSNLHVEVKGYEDG  
GIHLECRSTGWYPQPQIQWSNAKGENIPAVEAPVVADGVGLYEVAASVIMRGGSGEGVSCIIRNSL  
LGLEKTASISIADPFFRSAQPWVDHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.