

Product datasheet for **TP728058**

BTN3A2 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Biotinylated Human BTN3A2 (C-6His-Avi)
Species:	Human
Expression cDNA Clone or AA Sequence:	Gln30-Trp248
Tag:	C-6His-Avi
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4.
Note:	Biotinylated Recombinant Human Butyrophilin subfamily 3 member A2 is produced by our Mammalian expression system and the target gene encoding Gln30-Trp248 is expressed with a 6His, Avi tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	11118
UniProt ID:	P78410
Summary:	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. Mature human BTN3A2 is a 305 amino acid (aa) glycoprotein. It contains a 219 aa extracellular region with one V-type Ig-like domain, and a 65 aa cytoplasmic tail. The cytoplasmic region undergoes phosphorylation on two serines. There are three potential splice forms. BTN3A2 is postulated to be expressed on immune-related cells, as it has a structural similarity to MHC and CD80/CD86 molecules. It plays a role in T-cell responses in the adaptive immune response and inhibits the release of IFNG from activated T-cells.



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