

**BTN2A1 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16288b****Specification**

---

**BTN2A1 Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [Q7KYR7](#)

**BTN2A1 Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 11120

**Other Names**

Butyrophilin subfamily 2 member A1, BTN2A1, BT21, BTF1

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**BTN2A1 Antibody (C-term) Blocking Peptide - Protein Information**

**Name** BTN2A1

**Synonyms** BT2.1, BTF1

**Cellular Location**

Membrane; Single-pass type I membrane protein

**Tissue Location**

Highly expressed in brain, bone marrow, small intestine, muscle, spleen and pancreas. Moderate expression was seen in lung, liver and kidney.

**BTN2A1 Antibody (C-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**BTN2A1 Antibody (C-term) Blocking Peptide - Images****BTN2A1 Antibody (C-term) Blocking Peptide - Background**

BTN2A1 is a member of the BTN2 subfamily of genes, which encode proteins belonging to the butyrophilin protein family. The gene is located in a cluster on chromosome 6, consisting of seven genes belonging to the expanding B7/butyrophilin-like group, a subset of the immunoglobulin gene superfamily. The encoded protein is an integral plasma membrane B box protein involved in lipid, fatty-acid and sterol metabolism. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.

#### **BTN2A1 Antibody (C-term) Blocking Peptide - References**

Benyamin, B., et al. Am. J. Hum. Genet. 84(1):60-65(2009) Malcherek, G., et al. J. Immunol. 179(6):3804-3811(2007) Lamesch, P., et al. Genomics 89(3):307-315(2007) Mungall, A.J., et al. Nature 425(6960):805-811(2003) Rhodes, D.A., et al. Genomics 71(3):351-362(2001)