

## HUMAN BTN3A2 PROTEIN, HIS TAG

**Cat.#:** 11806

**Product Name:** Human BTN3A2 Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** BT3.2;BTF4;BTN3.2;CD277

**Target:** BTN3A2

**UNIPROT ID:** P78410

**Description:** Recombinant human BTN3A2 protein with C-terminal 6xHis tag

**Background:** This gene encodes a member of the immunoglobulin superfamily, which resides in the juxta-telomeric region of the major histocompatibility class I locus and is clustered with the other family members on chromosome 6. The encoded protein may be involved in the adaptive immune response. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2013]

**Species/Host:** HEK293

**Molecular Weight:** The protein has a predicted molecular mass of 24.4 kDa after removal of the signal peptide. The apparent molecular mass of BTN3A2-His is approximately 25–35 kDa due to glycosylation.

**Molecular Characterization:** BTN3A2(Gln30-Trp248) 6×His tag

**Purity:** The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

**Storage & Shipping:** 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.



Figure 1. Human BTN3A2 Protein, His Tag on SDS-PAGE under reducing condition.