

PRODUCT INFORMATION

BTN2A1 **Target**

Synonyms BK14H9.1;BT2.1;BTF1;BTN2.1;DJ3E1.1

Recombinant Human BTN2A1 Protein with C-**Description**

terminal 6×His tag

Delivery In Stock **Uniprot ID** Q7KYR7 **Expression Host HEK293** Tag C-6×His Tag

Molecular

Molecular Weight

Background

BTN2A1(Gln29-Ala248) 6×His tag Characterization

The protein has a predicted molecular mass of

25.4 kDa after removal of the signal peptide. The apparent molecular mass of BTN2A1-His is approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a member of the immunoglobulin superfamily. The gene is located in a cluster of butyrophilin-like genes in the juxtatelomeric region of the major histocompatibility complex on chromosome 6. A pseudogene of this gene has been identified in this cluster. The encoded protein is an integral plasma membrane

protein involved in lipid, fatty-acid, and sterol metabolism. Alterations in this gene may be associated with several disease states including metabolic syndrome. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided

by RefSeq, Jul 2013]

Usage Research use only Conjugate Unconjugated

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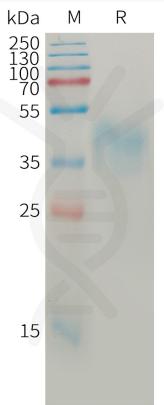


Figure 1. Human BTN2A1 Protein, His Tag on SDS-PAGE under reducing condition.



