PRODUCT INFORMATION

Target	BTN2A1
Synonyms	BK14H9.1;BT2.1;BTF1;BTN2.1;DJ3E1.1
Description	Recombinant Human BTN2A1 Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q7KYR7
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	BTN2A1(Gln29-Ala248) 6×His tag
Molecular Weight	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.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
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.
Background	This gene encodes a member of the immunoglobulin superfamily. The gene is located in a cluster of butyrophilin-like genes in the juxta-telomeric 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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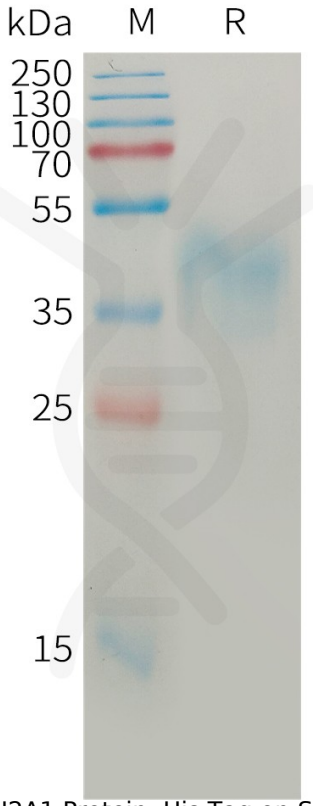


Figure 1. Human BTN2A1 Protein, His Tag on SDS-PAGE under reducing condition.

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