

BTN3A1 recombinant protein

Recombinant Human BTN3A1 protein with C-terminal mouse Fc and 6xHis tag

CATALOG # AAA47228	HOST HEK293 cells	APPLICATIONS Western Blot
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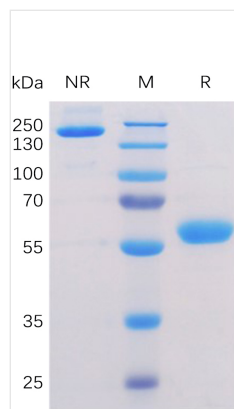
PRODUCT SYNONYMS

BTN3A1; Recombinant Human BTN3A1 protein with C-terminal mouse Fc and 6xHis tag; Human BTN3A1 Protein; mFc-His Tag; BTF5; CD277; BTN3.1; BT3.1; BTN3A1 recombinant protein

PRODUCT SPECIFICATIONS

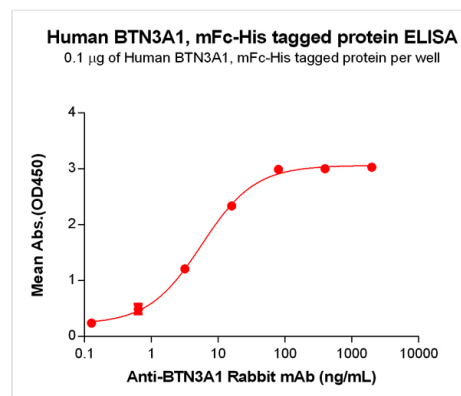
Host	HEK293 cells
Purity/Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5%-53% trehalose is added as protectants before lyophilization.
Sequence	BTN3A1(Glu 30-Gly254) +mFc(Pro99 -Lys330)
Applicable Applications for BTN3A1 recombinant protein	WB (Western Blot)
Source	Human
Conjugation	C-Mouse Fc and 6xHis tag
Reconstitution	Reconstitute with deionized water
Preparation and Storage	Store at -80 degree C for 12 months (Avoid repeated freezing and thawing) Shipping: Blue Ice

IMAGES



SDS-PAGE

Figure 1. Human BTN3A1 Protein, mFc-His Tag on SDS-PAGE under non-reducing (NR) and reducing (R) conditions.



ELISA

Figure 1. Human BTN3A1 Protein, mFc-His Tag on SDS-PAGE under non-reducing (NR) and reducing (R) conditions.

ADDITIONAL INFORMATION

Related Product Information for BTN3A1 recombinant protein	The butyrophilin (BTN) genes are a group of major histocompatibility complex (MHC)-associated genes that encode type I membrane proteins with 2 extracellular immunoglobulin (Ig) domains and an intracellular B30.2 (PRYSPRY) domain. Three subfamilies of human BTN genes are located in the MHC class I region: the single-copy BTN1A1 gene (MIM 601610) and the BTN2 (e.g., BTN2A1; MIM 613590) and BTN3 (e.g., BNT3A1) genes, which have undergone tandem duplication, resulting in 3 copies of each.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	117949374
NCBI GeneID	11119
UniProt Accession #	O00481; Q0P515; Q147X5; Q53F15; Q99420; Q9HCY1; A2A278; A8K2C8; B4DIQ1; B4DRM2; E9PGB4; E9PHG8
Molecular Weight	52,019 Da
NCBI Official Full Name	Butyrophilin subfamily 3 member A1
NCBI Official Synonym Full Names	butyrophilin subfamily 3 member A1
NCBI Official Symbol	BTN3A1
NCBI Official Synonym Symbols	BTF5; BT3.1; CD277; BTN3.1
NCBI Protein Information	butyrophilin subfamily 3 member A1
UniProt Protein Name	Butyrophilin subfamily 3 member A1
UniProt Gene Name	BTN3A1
UniProt Synonym Gene Names	BTF5

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/btn3a1-recombinant-protein-hek293-cells-wb-western-blot/47228>