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32-17046: Recombinant Human BTN3A1 protein with C-terminal mouse Fc and 6Ã—His tag

Alternative Name : BTN3A1, BTF5, CD277, BTN3.1, BT3.1

Description

Expression Host : HEK293
The protein has a predicted molecular mass of 51.36 kDa after removal of the signal peptide.
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.

Product Info

Amount :	50 µg
Purification :	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage condition :	Store at -80°C for 12 months (Avoid repeated freezing and thawing)

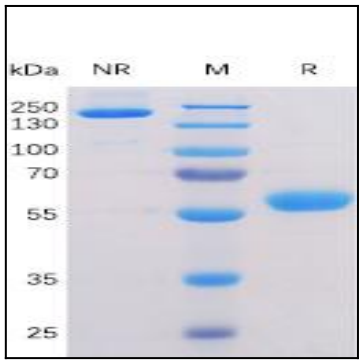


Figure 1. Human BTN3A1 Protein, mFc-His Tag on SDS-PAGE under non-reducing (NR) and reducing (R) conditions.

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