

Recombinant Human BTN3A3 Protein, MYC/DDK-tagged

Cat. No. BTN3A3-2812H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human BTN3A3 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.

Species Human

Source HEK293

Description 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., BNT3A3) genes, which have undergone tandem duplication, resulting in 3 copies of each (summary by Smith et al., 2010 [PubMed 20208008]).

Form 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

Molecular Mass 64.8 kDa

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	BTN3A3 butyrophilin, subfamily 3, member A3 [Homo sapiens]
Official Symbol	BTN3A3
Synonyms	BTF3; BTN3.3
Gene ID	10384
mRNA Refseq	NM_001242803
Protein Refseq	NP_001229732
MIM	613595
UniProt ID	O00478

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