

Human BTN3A3/BTF3 Protein



Cat. No. BNT-HM1A3

Description	
Source	Recombinant Human BTN3A3/BTF3 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gln30-Trp248.
Accession	O00478-1
Molecular Weight	The protein has a predicted MW of 24.7 kDa. Due to glycosylation, the protein migrates to 25-30 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

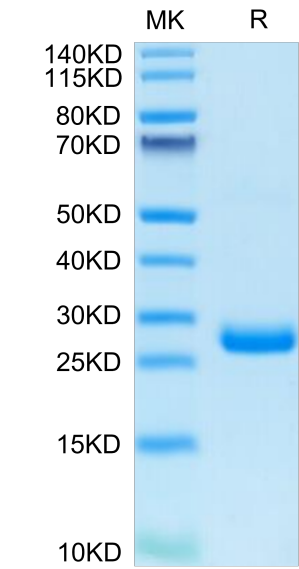
Formulation and Storage	
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Background**

The butyrophilin (BTN) family has many members with diverse functions related to immunomodulation, initiation and progression of tumors. BTN3A3 belongs to the BTN family, and exploring its expression and correlation with the prognosis of non-small cell lung cancer (NSCLC) patients has great clinical significance. The expression of BTN3A3 in NSCLC tissues was significantly lower than in adjacent tissues, and patients with low expression of BTN3A3 had late clinical stages and lower degree of tumor differentiation.

Assay Data

Bis-Tris PAGE



Human BTN3A3/BTF3 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

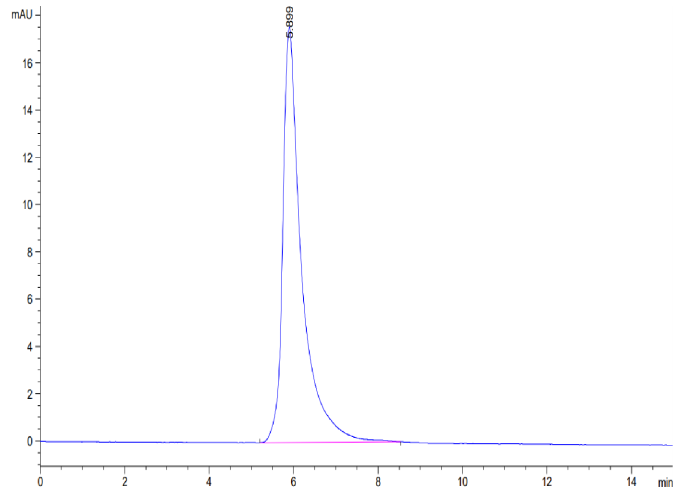
SEC-HPLC

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### Assay Data



The purity of Human BTN3A3/BTF3 is greater than 95% as determined by SEC-HPLC.