

Mouse BTN2A2 Protein

Cat. No. BNT-MM1A2

Description

Source	Recombinant Mouse BTN2A2 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gln30-Ser244.
Accession	A4QPC6-1
Molecular Weight	The protein has a predicted MW of 25.78 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

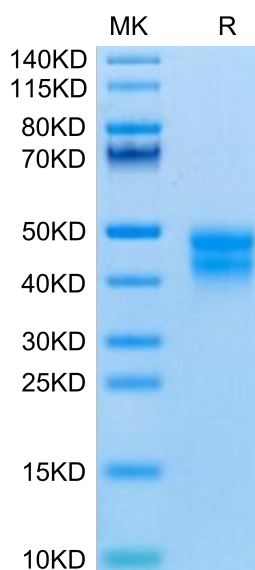
Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C . Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Butyrophilin (BTN) genes encode a set of related proteins. Cell surface BTN2A2 protein, such as the B7 family molecule programmed death ligand 1, was upregulated upon activation of T cells. BTN2A2 is a co-inhibitory molecule that modulates T cell-mediated immunity.

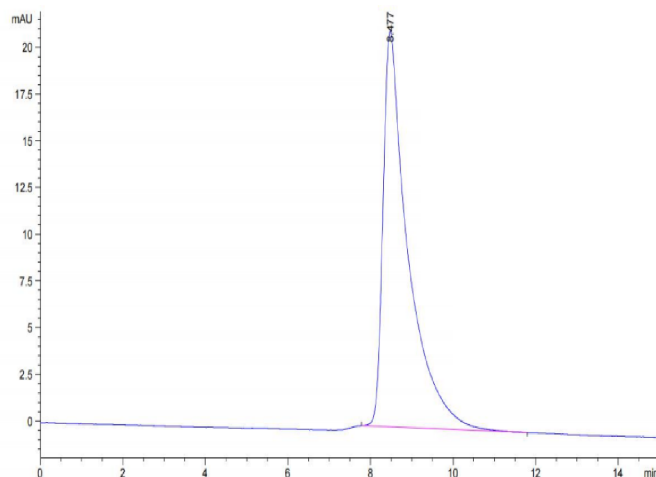
Assay Data

Bis-Tris PAGE



Mouse BTN2A2 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Mouse BTN2A2 is greater than 95% as determined by SEC-HPLC.