

## Product datasheet for **TP301183M**

### BTN3A2 (NM\_007047) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human butyrophilin, subfamily 3, member A2 (BTN3A2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201183 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MKMASSLAFLLLNHFVSLLLVQLLTPCSAQFSVLGSPGILAMVGEDADLPCHLFPTMSAETMELKWVSS SLRQVNVYADGKEVEDRQSAPYRGRSILRDGITAGKAALRIHNVNTASDSGKYLICYFDGDFYEKALVE LKVAALGSLNHVEVKGYEDGGIHLECRSTGWYPQPQIQWSNAKGENIPAVEAPVVADGVGLYEVAASVIM RGGSGEGVSCIIRNSLLGLEKTASISIADPFFRSAQPWIAALAGTLPILLLLLAGASYFLWRQQKEITAL SSEIESEQEMKEMGYAATEREISLRESLQEELKRKKIQYLTRGEESSDNTKSA</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	33.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_008978</a></u>
Locus ID:	11118



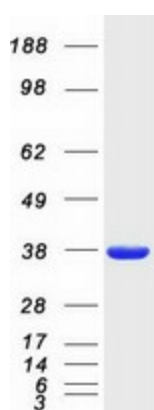
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UniProt ID: [P78410](#)  
RefSeq Size: 3776  
Cytogenetics: 6p22.2  
RefSeq ORF: 1002  
Synonyms: BT3.2; BTF4; BTN3.2; CD277

**Summary:** This gene encodes a member of the immunoglobulin superfamily, which resides in the juxta-telomeric region of the major histocompatibility class 1 locus and is clustered with the other family members on chromosome 6. The encoded protein may be involved in the adaptive immune response. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2013]

**Protein Families:** Druggable Genome, Transmembrane

### Product images:



Coomassie blue staining of purified BTN3A2 protein (Cat# [TP301183]). The protein was produced from HEK293T cells transfected with BTN3A2 cDNA clone (Cat# [RC201183]) using MegaTran 2.0 (Cat# [TT210002]).