

Product datasheet for **SC319081**

BTN3A2 (NM_007047) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BTN3A2 (NM_007047) Human Untagged Clone
Tag:	Tag Free
Symbol:	BTN3A2
Synonyms:	BT3.2; BTF4; BTN3.2; CD277
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_007047.3
 CTAAGCCATAATAGAAAAGATGGAGAATTATTGATTGACCGTCTTTATTCTGTGGGCTCT
 GATTCTCCAATGGGAATACCAAGGGATGGTTTTCCATACTGGAACCCAAAGGTAAGACA
 CTAAGGACAGACATTTTTGGCAGAGCATAGATGAAAATGGCAAGTCCCTGGCTTTCCT
 TCTGCTCAACTTTCATGTCTCCCTCCTCTTGGTCCAGCTGCTCACTCCTTCTGCTCAGCTCA
 GTTTTCTGTGCTTGGACCCTCTGGGCCATCCTGGCCATGGTGGGTGAAGACGCTGATCT
 GCCCTGTACCTGTTCCCGACCATGAGTGCAGAGACCATGGAGCTGAAGTGGTAAGTTC
 CAGCCTAAGGCAGGTGGTGAACGTGTATGCAGATGAAAGGAAGTGAAGACAGGCAGAG
 TGCACCGTATCGAGGGAGAACTTCGATTCTGCGGGATGGCATCACTGCAGGAAGGCTGC
 TCTCCGAATACACAACGTCACAGCCTCTGACAGTGGAAAGTACTGTGTTATTTCCAAGA
 TGGTGACTTCTATGAAAAAGCCCTGGTGGAGCTGAAGGTTGCAGCACTGGTTCTAATCT
 TCACGTCGAAGTGAAGGGTTATGAGGATGGAGGGATCCATCTGGAGTGCAGGTCCACCGG
 CTGGTACCCCAACCCCAATACAGTGGAGCAACGCCAAGGGAGAGAACATCCCAGCTGT
 GGAAGCACCTGTGGTTCAGATGGAGTGGGCTATATGAAGTAGCAGCATCTGTGATCAT
 GAGAGGGCGCTCCGGGAGGGTGTATCCTGCATCATCAGAAATCCCTCCTCGGCCTGGA
 AAAGACAGCCAGCATTTCCATCGCAGACCCCTTCTCAGGAGCGCCAGCCCTGGATCGC
 AGCCCTGGCAGGGACCCTGCCTATCTTGCTGCTGCTTCTCGCCGAGCCAGTTACTTCTT
 GTGGAGACAACAGAAGGAAATAACTGCTCTGTCCAGTGAAGATAGAAAGTGAAGCAAGAGAT
 GAAAGAAATGGGATATGCTGCAACAGAGCGGAAATAAGCCTAAGAGAGAGCCTCCAGGA
 GGAAGTCAAGAGGAAAAAATCCAGTACTTGACTCGTGGAGAGGAGTCTTCGTCGGATAC
 CAATAAGTCAGCCTGATGCTCTAATGAAAAATGGCCCTCTCAAGCCTGGTGAAGAAAT
 GCTTCAGATGAGGCTCCACCTTGTAAATAAATGGATGTATGAAAAATAGACTGCAGA
 AAAGGGGAAGTCAATTTAGCTCACGAGTGGTTCGAGTGAAGATTGAAAAATTAACCTCTGAGG
 GCCAGCACAGCAGCTCATGCCTGTAATCCTAGCACTTTGGAAGGCTGAGGAGGGCGGATC
 ACAAGGTCAGGAGATCAAGACCATCCTGGCTAACACGGTGAACCCCGTCTACTAAAA
 ATACAAAAA



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Restriction Sites:	Please inquire
ACCN:	NM_007047
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_007047.3</u> , <u>NP_008978.2</u>
RefSeq Size:	3812 bp
RefSeq ORF:	1005 bp
Locus ID:	11118
UniProt ID:	<u>P78410</u>
Cytogenetics:	6p22.2
Domains:	IGv, IG
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (a). Variants 1-3 encode the same isoform. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>