

## Product datasheet for **SC329462**

### **BTN3A2 (NM\_001197246) Human Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** BTN3A2 (NM\_001197246) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** BTN3A2  
**Synonyms:** BT3.2; BTF4; BTN3.2; CD277  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC329462 representing NM\_001197246.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

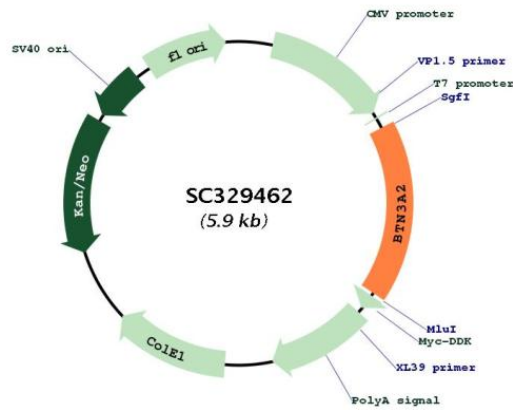
```
ATGAAAATGGCAAGTCCCTGGCTTTCCTTCTGCTCAACTTTCATGTCTCCCTCCTTTGGTCCAGCTG
CTCACTCCTTGCTCAGCTCAGTTTTCTGTGCTTGGACCTCTGGGCCATCCTGGCCATGGTGGTGAA
GACGCTGATCTGCCCTGTACCTGTTCCCGACCATGAGTGCAGAGACCATGGAGCTGAAGTGGGTAAGT
TCCAGCCTAAGGCAGGTGGTGAACGTGTATGCAGATGGAAAGGAAGTGAAGACAGGCAGAGTGCACCG
TATCGAGGGAGAACTTCGATTCTGCGGGATGGCATCACTGCAGGGAAGGCTGCTCTCGAATACACAAC
GTCACAGCCTCTGACAGTGGAAAGTACTTGTGTTATTTCCAAGATGGTGACTTCTATGAAAAAGCCCTG
GTGGAGCTGAAGTTGCAGCACTGGGTTCTAATCTTCAGTCTGAAGTGAAGGGTTATGAGGATGGAGGG
ATCCATCTGGAGTGCAGGTCCACCGGCTGGTACCCCCAACCCCAATACAGTGGAGCAACGCCAAGGGA
GAGAACATCCCAGCTGTGGAAGCACCTGTGGTTGCAGATGGAGTGGGCCTATATGAAGTAGCAGCATCT
GTGATCATGAGAGGCGGCTCCGGGGAGGGTGTATCCTGCATCATCAGAAATTCCTCCTCGGCTGGAA
AAGACAGCCAGCATTTCCATCGCAGACCCCTTCTCAGGAGCGCCAGCCCTGGATCGCAGCCCTGGCA
GGGACCTGCCTATCTTGCTGCTGCTTCTCGCCGGAGCCAGTTACTTCTGTGGAGACAACAGAAGGAA
ATAACTGCTCTGTCCAGTGAGATAGAAAGTGAAGCAAGAGATGAAAGAAATGGGATATGCTGCAACAGAG
CGGGAATAAGCCTAAGAGAGAGCCTCCAGGAGGAACTCAAGAGGAAAAAATCCAGTACTTGACTCGT
GGAGAGGAGTCTTCGTCCGATACCAATAAGTCAGCCTGA
```

**Restriction Sites:** Sgfl-Mlul



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## Plasmid Map:



ACCN: NM\_001197246

Insert Size: 1005 bp

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).

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:

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: [NM\\_001197246.2](https://www.ncbi.nlm.nih.gov/RefSeq/record/NM_001197246.2)

RefSeq Size:	2836 bp
RefSeq ORF:	1005 bp
Locus ID:	11118
UniProt ID:	<a href="#">P78410</a>
Cytogenetics:	6p22.2
Protein Families:	Druggable Genome, Transmembrane
MW:	36.4 kDa

**Gene 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]

Transcript Variant: This variant (2) has a shorter 5' UTR and uses an alternate splice site in the 3' UTR, compared to variant 1. Variants 1-3 encode the same isoform (a). 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.