

## Product datasheet for **SC322727**

### Amisyn (STXBP6) (NM\_014178) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Amisyn (STXBP6) (NM_014178) Human Untagged Clone
Tag:	Tag Free
Symbol:	Amisyn
Synonyms:	amisyn; HSPC156
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for SC322727  
 CCAGGCTGCACGGTAGGACCGGGGCGAGGGGAGCCAGGCGGTGAGGGCGGAGGCCAAGCC  
 CCGGAGATGCGGTTGCAGCCGCCACGGCTGTTGGGGCGCCTGGCGCTCCGTCCGAGGCGG  
 GTGGCTGTGAGGCCAGGGGAGTAGGCGAGCTCCAGAGAGATTCTTCAAAGTTGGCGGGT  
 GGCGGGAGAGGGGGCCGCGGCCCGCGCAGCTGCTTTGTGCGCGCAGAGAGGGACTCG  
 TGTCCCTGGTTCTCTCAACCCCTGGGACCCGTTGTGCGGGCAGTATTGGGCAAGCCGCA  
 AACGGAGCGATTTCCTCCGAGAAAAGTTGAGGATGGAGCCTTTTTTCCGCACCCGCCCG  
 CGATGGCATGGGCCCGAGAATGCTGCCCGAGGCTCCCAGTGTGGGGGAGCTCGGGGTC  
 GCTGCGCCTCTAGCTTGAGCGCAGAAATCCGCGAATCACTCCGATCTTCGCGAACTCTGG  
 CATCTTCTAGGAAAATCATTACTGCCAAAAGTGGGCGAGCTTTTCTGGCGGGCACGGCA  
 CCCTGCCCCAGGGCGCTGGCCCTGGGCGATGCCCCCTTCCGATCTCAGGCTTGGTCAA  
 GGGCGCCAGGTTCCGAATTCGCGCTTGCCGTGCACGCCGCATCGAGCCTACCAACACC  
 GCCGGCAACGTGGCTGGAGTAGATTACTGCGTGTCTCCTCACTTGTCTACAATGAG  
 TGCCAAATCTGCTATCAGCAAGGAAATTTTGCACCTCTTGATGAAAGGATGCTGGGAGC  
 TGTCGAAGTCAAGAGGAGACAAAGAAAAGATTCTTTCTTGCCAAGTGGAGGTCGAAGG  
 CGAATATTTAACTTATATCTGCCTGTGAGTGAACAAGAAACCCACACAGGCGTCCAT  
 CACAAAGGTCAAACAGTTTGAAGGCTCCACATCATTTGTTTCGGAGATCACAGTGGATGCT  
 CGAGCAGCTTCGCCAGGTTAATGGTATCGATCCTAATGGGGATTGCGCAGAGTTTGATTT  
 GTTGTGTTGAAAATGCTTTTGACCAGTGGGTAGCCAGCAGCAGCGTCAGAAAATGCACCTT  
 CTTCCAGATCCTCCACCATACCTGCCAGAGGTACCTCACGGACAGGAAGCCAGAGTTTAT  
 TAACTGCCAATCCAAAATATGGGAGGAAACAGCATCCTCCATTCAGCTGCTGACAGCGT  
 GACCAGCGCAGTGCAGAAGGCAAGCCAGGCTTGAATGAGCGTGGAGAGCGATTAGGCCG  
 AGCAGAGGAGAAGACAGAAGACCTGAAGAACAGCGCCAGCAGTTTGCAGAAAAGTGGCA  
 CAAGCTTGCCATGAAGCACAAATGTTGAGAAAAGTGCCTATCCTGGTGACTCTTTAAGA  
 GAAACTGAAGAGTTTGTTCAGCAGTTTTTACAAGAATTCGGGACCTCCGCTTGCTCTTT  
 TTTTCCAATATTTGGACACTTAGAGTGGTTTTTGTTTTTTCTTTTTCAGATGTTAATGTGA  
 AAGAAAGGGTGTGCATTTTTACATTTCCCTAATGATCTGTGTAATAAATGCTACAATAG  
 CATCGGCTTCATTTGGGTTTTTGCCTCCTCCACTGTGTGTATGTGTATATGTATGT  
 TTTGAATATGTTTTCTTTATTAATAAATATTTTTTGTAGTTTGAATATGAAATTTGGACC  
 AAATGATAAACTGCGCTGAGTCTAACTGGCAACATGATTTTTTCTCTGATATTAAGC  
 AGGAAGGCATTTAATGTGGTGCATCAGATGTTATTTTTCTAGATGAAAATAAAAGTC  
 AAGCAGTGATTAGTTTCACTCACTGTCCTAGCTACACTTAATTTGAAGATTAATAATTCTA  
 CATTGTGGAAAACAATTGAATTTATTGGGAAAACAGCAGTCTTAGATTTTGCTCCTTGC  
 ATAGTAATCTTTTGCATGAACCATCACCAGCGTTCAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_014178

**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:**

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\\_014178.6](#), [NP\\_054897.4](#)

**RefSeq Size:** 1970 bp

**RefSeq ORF:** 633 bp

**Locus ID:** 29091

**UniProt ID:** [Q8NFX7](#)

**Cytogenetics:** 14q12

**Gene Summary:** STXBP6 binds components of the SNARE complex (see MIM 603215) and may be involved in regulating SNARE complex formation (Scales et al., 2002 [PubMed 12145319]).[supplied by OMIM, Mar 2008]

Transcript Variant: This variant (1) differs in the 5' UTR and 5' coding region, compared to variant 4 and results in an isoform with a shorter N-terminus, compared to isoform 2. Variants 1, 2, 3, 5, 6, and 7 encode the same protein.