

## Product datasheet for **RN207536**

### **Stxbp3 (NM\_053637) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Stxbp3 (NM_053637) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Stxbp3
Synonyms:	Munc18-c
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN207536 representing NM\_053637  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGCCCGGTGACGGAACGGGGTGAAGAGCGTCGTGTGGCGAAAAATAAAACAACAGTGTTTG  
 ATGACTGCCGGAAGAAGCGAGTGGAAGATCATGCTGTTGGATGACTTCACCACCAGACTTCTGTCATC  
 GTGCTGCAAAATGACAGACCTTCTAGAAGGGTGTGACAGTTATAGAGAATATTTATAAGAATCGTGAA  
 CCTGTCAGACAAATGAAAGCTCTTTATTTTATCTCTCCAACACCAAAATCTGTAGATTGTTTCTTGCGAG  
 ATTTTGGAAAGTAAATCTGAGAAAAAGTACAAAGCAGCATATATCTACTTCACTGACTTTTGTCCCGACG  
 TCTCTTAACAAGATTAAGCATCTTGCTCCAATCAATAAGAAGATGTAAGGAAATAAATATTTCTTT  
 ATTCCACATGAATCTCAGGTTTACTCTTGTGTACCAGACGCGTCTATTACTGTTACAGTCCAGACC  
 CTAGCAATGCCGCGAGAAAAGAAGCAGTCATGGAAGCAATGGCTGAGCAGATTGTGACCGTGTGTGCCAC  
 TCTGGATGAGAACCTGGAGTGAGGTATAAGAGTAAACCTCTAGATAATGCCAGTAAGCTTGACAGCTG  
 GTTGAAAAGAAGCTTGAAGACTACTACAAAATTGATGAGAACGGCCTAATAAAGGGTAAAACCTCAGTCCC  
 AGCTCTTAATAATTGACCGTGGCTTTGACCCTGTGTCCACTGTCTGCATGAACTGACCTTTTCAGGCAAT  
 GGCATATGATCTACTACCAATTGAGAAAAGATACATACAAATATAAAACAGATGGGAAAGAGAAGGAGGCA  
 GTTCTTGAAGAAGATGATGACCTGTGGGTGCGGGTTCGGCACCAGGCACATCGCGGTTGTTTTGGAGGAAA  
 TTCAAAGCTTATGAAGAAATTTTCATCAACAAAGAAAGCTACAGAGGGGAAGACCTCACTCAGCGCGCT  
 TACCCAGCTGATGAAAAGATGCCGCACTTCCGGAAACAGATCTCGAAGCAAGTCGTCCATCTTAACCTA  
 GCTGAAGACTGCATGAATAAGTTAAGCTGAATATTGAGAAGCTCTGCAAACTGAGCAGGACCTGGCAC  
 TTGGAACAGATGCGGAAGGCCAGCGGGTAAAGGACTCCATGCTGGTGTCTCTCCAGTGTCTCAACAA  
 AAACCAGCAACTGCGACAAAATACGGGCAGTCTTGCTCTACATCTTCGGTGTTAATGGAACCACTGAA  
 GAAAACCTGGACAGACTGATCCACAATGTAAGATAGAAGATGACAGTATGATTGCGAACTGGAGTC  
 ACCTCGGTGTTCCATTGTTCCCCCATCCCAACAAGCCAAACCACCAAGAAAAGATCGGTCTGCCGAAGA  
 GACTTTTCAGCTTCTCGATGGACACCTTTTATCAAAGATATCATGGAGGATGCCATTGATAATAGATTG  
 GATTCCAAAGAATGGCCATACTGTTCCCGGTGCCAGCGGTGTGGAATGGCTCTGGAGCTGTAAGTGCTC  
 GCCAGAAACCCAGAACCAACTATTTAGAGCTGGACCGAAAAATGGCTCGAGGCTGATTATTTTTGTAAT  
 TGGAGGAATTACATACTCTGAGATGCGTTGTGCTTATGAAGTTTCTCAGGCACATAAATCCTGTGAAGTT  
 ATTATTGTTCCACACATATTTAACACCCAGAAAGCTGCTGGATGACATAAAAAATGCTGAATAAATCCA  
 AGGATAAAGTTTCTTTCTTAAGGATGAGTAG

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII

**ACCN:** NM\_053637

**Insert Size:** 1782 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\\_053637.2](#), [NP\\_446089.1](#)

**RefSeq Size:** 2388 bp

**RefSeq ORF:** 1782 bp

**Locus ID:** 114095

**Cytogenetics:** 2q34

**Gene Summary:** protein which binds syntaxin 1A, a component of the SNARE complex critical for neurotransmitter release; may be involved with SNARE complex function [RGD, Feb 2006]