

## Product datasheet for RN217532

### Stxbp5l (NM\_001271250) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Stxbp5l (NM\_001271250) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Stxbp5l  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN217532 representing NM\_001271250  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGAAGAAGTTTAATTTCCGAAAAGTTTTGGATGGCTTAACTGCCTCTTCCCCCGGCAGTGGTAGCAGCA  
 GCGGCAGTAATAGTGGTGGGGCTGGAAGTGGCTCCGTCATCCTGGAGGGACTGCAGGGTTCTGAGAGA  
 GGGGATCCAGGAAAGCCATCTCCGAGTGTTCAGATTTGCAAGACAGTTCGGCACGGTTTTCCCTAT  
 CAGCCCCACAGCATTGGCCTTTGATCCAGTCCAGAAAATCCTGGCTATTGGAACGAGAACAGGTGCTATAC  
 GAATACTTGGGAGGCCTGGTGTGACTGTTACTGCCAACATGAGAGTGGGGCGGTGTCTTGACAGTCCA  
 ATTCCTGATCAATGAGGGCGCTTTGGTCACTGCGAGTTCAGATGACACACTTCATTTGTGGAATCTGAGA  
 CAGAAAAGGCCGCTATTCTCCATTCTCTTAAGTTTAAACAGAGAACGAATTACTTACTGTCATCTACCTT  
 TCCAGAGTAAATGGCTCTATGTTGGAACAGAAAGGAAATACACATATTGTAATATTGAATCTTTTAT  
 TCTTTCTGGATATGTCATCATGTGGAACAAGGCAATTGAGCTCTCCACCAAGACTCATCCAGGCCAGTT  
 GTACATCTAAGTATAGCCCAAGAGATGAAGGAAAAGTAAATAGGTTATGAAAATGGCACTGTGGTAT  
 TCTGGGACTTGAAATCTAAAAGAGCAGAACTGAGAGTTTATTATGATGAGGCTATTCATTCAATTGATTG  
 GCATCATGAGGGCAAACAATTATGTGACGCACTCAGATGGTAGCTTATGAACTGAAAAGC  
 CCAAGTCGCCCTTTCCAAACCACAGTTCACATGGAAAAAGTCAAAGAGAAGGAAGAAAGTCTGAATCTT  
 GTAACCTATTCTGAAAGTAGAGTACAAAACGTGCAGGAACAGTGAACCTTTATAATATTCTCTGGTGG  
 GTTGTCAATGACAAAGCTTGCAGAAGACCAAGTTTAAACCATCATGCATGGGAAAGCAATTACAGTACTT  
 GAAATGGATCATCCTATTGTTGAATTTCTAACTTTATGTGAAACGCCCTATCCCAATGAGTTTCAAGAAC  
 CCTATGCTGTTGAGTACTTCTAGAGAAAGATCTCATCGTAGTTGATCTAACACAACCAATTTTCCAAT  
 CTTTGAATAATCCATCAATGGACATTCATGAGTCACCAAGTTACATGCACAGCATATTTTGGCGATTGC  
 CCTCCAGATTTGATTCTAGTACTCTATTCTATAGGAGTCAAGCATAAAAAACAAGGATACAGTAATAAGG  
 AATGGCCAGTAAGTGGAGGAGCTTGAATCTTGGAGCACAAACGTATCCAGAAATTATTATTACTGGTCA  
 TGCTGATGGAACAATAAAATTTTGGGATGCTTCAGCAATGACACTGCAGATGTTGTACAAGCTAAAAACT  
 TCAAAAAGTATTTGAAAAGCAGAAGGTGGGAGATGGCAAACAGACGTGTGAGATTGTAGAAGAAGATCCCT  
 TTGCTGTTGAGATGATTTACTGGTGTCCAGAGAGCAGAAATTTTTGTGTATCTGGGGTCTCTGCATATGT  
 CATAATTTATAAATTCAGCAGACATGAAATCACAGCAGAAATAGTGTCTTAGAGGTACGACTTCAGTGC



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GATGTTGAAGACATTATTACTCCTGAGCCAGAAACAAGTCTCCATTTCCAGATCTCTCCTCTCAACTTC  
 CTTCTTCAAGGAGTCTTTCTGGAAGCACTAATACTGTGTCTAGTGAAGCGTGACGAAGGACAGCATCCC  
 ATGCCTCAGTGTTAAACACGGCCAGTGCATGCCGCCGGGCTATCAAGCGGATCTTGTATTACAGTTG  
 GTGTGGGTAGATGGCGAGCCGCTCAGCAGATCACCAGCCTCGTGTGAGCTCGGCATACGGAATAGTTG  
 CATTGGAACTGCACGGGGTGGTTGTGGTAGATTTATCCAGAAGACAGTACTGTTAAGCATGGGGAC  
 CATTGACCTCTATAGATCAAGTGACCTGTACCAGCGACAGCCCCGGTCTCCTCGAAAAACAGGCATTC  
 AATGCAGACAACTTTGCATGCGTGGGCTGTCTAACTTTTATCCTGATTTAACGAAACGGATCCGTA  
 CCTATCAGAGCTAACAGAGCTGAATGATAGTCCAGTTCCCTTGGAACTTGAGCGGTGCAAGTCTCCAC  
 TTCAGACCATGTAATGGACTGCACAAGTCCAACTCTCAGAGTTGCAGTTCTGGAAAACGTCTTTCC  
 AGTGTGATGTTTCAAAGTAAATCGTGGGGTCTGGAAGACCACATTTAGAAAGGCACAGTCAGCTG  
 CTTGCATGGAGATATCTTACCAGTTACAACCTGAAGAAACCCGAGAGAACTCCTATAACCGCTCCAGGAG  
 CTCTAGCATCTCCAGTATTGACAAGGATTCTAAGAAGCAATTACAGCTTTGACTTCATGGAATCCTTT  
 GCACGGAAAAATGACTCTACCGTGTCCCTTGTCTGTTTGTGGAACTAGCTGGGAATGGTAATACTCA  
 TCTCCCTAAATCTACCATCATCAGATGAACAAAGGTTTACAGAGCCGGTGGTATTGCCAAGTGGTAC  
 ATTCTCTCACTGAAAGGAGCTGTGCTAACATTTTCTGCATGGACAGAACTGGCAATTTAATGCAGCCT  
 CCATATGAGGTATGGAGGGATCCCAACAACACAGATGAAAATGAAAAACCTGGAAAAGGAAATGGTCA  
 TGAAGTCTCTCTTCCAAAGAAATGGGAGACCATCAGTATACGATAATCTGCTCAGAAAAACAAGC  
 CAAAGTCTTCTACTGCCGTCCCAGACCTGCCTTTATGTTCAACAATCAGAGAGCTCATTATATTG  
 CAAGCAGATGTGGTGGTGTGCAACAGTGCCTGCCCTGGCTGCTTTTGTGCAATGGGCATATCATGA  
 TAATGAGCTTACCTAGCCTTCGCCCAATGTTGGATGTTAATTATTTGCCACTGACAGACATGAGAATAGC  
 ACGGACATTTTGTCTTACTAATGAAGGACAGGCATTATACCTGTCTCCCAACTGAAATCAACGGTTA  
 ACATATAGCCAAGAAATGTGTGATAATTCAGGACATGTTAGGCGATTTGTTTACTCCAATAGAGACAC  
 CAGAAGCCAAAAATAGAGGCTTTCTCAAGGGACTGTTTGGTGGAAAGTGGACAGACATTTGACAGAGAAG  
 ACTCTTTGGGGAAGCCTCAGCAGGAAAAGCATCTCGCAGCCTCGCACAGCACATTCTGGACCGGGCAGC  
 ATAGAAGGGATGAAGGGCGCTGCTGGCGGGGTGATGGGAGAGCTAACCGGAGCCCGGATTGCACTTGATG  
 AGAGAGGGCAGCGCTGGGTGAGCTGGAGGAGAAGACTGCAGGCATGATGACCAGTGCAGAAGCATTTTC  
 CAAGCAGCGACACGAGCTAATGCTGAAATATAAGGACAAGAAATGGTACCAGTTC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001271250
- Insert Size:** 3558 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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\\_001271250.1](#), [NP\\_001258179.1](#)

**RefSeq Size:** 3560 bp

**RefSeq ORF:** 3558 bp

**Locus ID:** 288080

**Cytogenetics:** 11q21