

Product datasheet for **RN201777**

Stxbp4 (NM_001107038) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stxbp4 (NM_001107038) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Stxbp4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201777 representing NM_001107038
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGGACCATTGGTGTATATTCACGAAGTCACTCCTGGAGCGACTGTTACAAGTGGGAATCTCCGT
 TGGAGATAGCATTATCAGACAGAAGTCTTACTGTGGTCATCCAGGAAACATTTGCTGTCACTCCCACC
 AGTGTCAGAAGACTGTGAACCTCAAACCTCAGCATTAACTCTTCTTCTCCCTCCCGCTGGAACACTACT
 CCAAAGACTTCATCCACTCCCAGGACTCAGGACTCCATTTTACCCTCCTGTACAGTAATTCAGACTCAAC
 CTGAGCACAGTCAAGCAGGGCTTGTCCAGTTCCTTCTTTGAACAACCGCCCTACAGACACATCCAATGC
 AGACATTGCTCCAGCCTGGACTGATGACGCTTCTGGACCACAAGGAAAGATTTCCCTAAATCCTTCTGCT
 CGCCTTAAAGCAGAGAACTGGAATGGCTCTCAATTACCTCGGTATACAGCCAACAAAGGAACAGCATG
 AAGCCCTGAGACAGCAAGTCCAGGCCGACTCAGAGGGGACTGTGTCTTTGGGGATTTCCGTCAGGTTGC
 CAGAAATTTGTTCTGCTTGCAGTTGGATGAAGTAAATGTTGGTGACCATGAACCTCCAGCGTCTTGGAC
 TCACAGCTTCTCCCTGTGGTCTCTAGAAGCAGATGAAGTGGGAAGACTGAGACAAGAAAGAAATGCTG
 CTCTGGAAGAACGGGATGCGCTTAAGGAGAAATTAAGTCAATCAGAGAAGCACAGGAAACAGTTGATAGA
 AGAACTCCAGAATGTGAAACAGGAAGCCAAAGCCGTAGCCGAGGAAACACGAGCTCTGCGAAGCCGGATT
 CATCTTGCCGAAGCTGCACAGAGGCAGGCACGTGGGATGGAAATGGATTATGAAGAGGTGATCCGCTGCT
 TAGAGGCTGAGGTCTCAGAACTAAAGGCCCGGCTCGTGATTATCTGACCAAAATAAAGAAAGTGTCCA
 AGACTTGAGAAAGAGAGTACAGTTCCTGACTGCCAATGCGAAAATCAGAAATGGCTCGGAAAACATTT
 AAGTCATCCACTGAAAGGCTCCTCGTTTTGTAGAGGCTATTCAAGAAGTACTTTTGGACAGTTGTGCTC
 TTTTATCAAATTAAGTGAAGAAGAGCTGTGCTTGCCTCTCAGACCTCGCTTCCGCTGCTGGGAAGGAA
 CGGACGTAACCTCCAGCACCCCTGCTTCTGGAATCCAAGGAACCTCTTAGGTCTGTCCGTGCCGCTACTT
 GATATGGACTGCTTACCTTACGGGTGGGAGGAAGCTTACACAGCAGATGGGATCAAGTACTTTCATCAACC
 ATGTGACACAGACCAGTCTGGATCCACCCCATGATGAGTGTCTGAACCTGTCTGCGCAGAGGAGAG
 TGAAGAGGACTGTCCAGAGAATAAGGAACCGAAAAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107038
- Insert Size:** 1443 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_001107038.1](#), [NP_001100508.1](#)
RefSeq Size: 2292 bp
RefSeq ORF: 1443 bp
Locus ID: 303443
Cytogenetics: 10q26