

Product datasheet for **MC206697**

Stxbp3a (BC062901) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stxbp3a (BC062901) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Stxbp3a
Synonyms:	Munc-18c, MGC86097
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC062901
 TGCAGTGGGAGGCGGTGGCTGTAGCTCCACGGCTGGGGGAAGATGGCGCCCGGTATCGGAGCGGGGA
 CTGAAGAGCGTCGTGGCGGAAGATAAAAACAGCCGTGTTTCGATGACTGCCGAAAGAAGGCGAATGGA
 AGATAATGCTGTTAGATGAGTTTACCACCAAATTTTGTGTCATGCTGCAAAATGACAGACCTTCTAGA
 GGAGGGCATAACTGTTATAGAGAATATTTATAAGAATCGTGAACCTGTGACACAAATGAAAGCTCTTTAT
 TTCATCTCTCCAACCAAAAATCTGTAGATTGTTTCTTGAGAGATTTTGGAAAGTAAATCTGAGAAAAAT
 ACAAGCAGCGTATATATACTTCACTGACTTTTGTCTGACAGTCTTTTAAACAAGATTAAGCATCTTG
 CTCCAAGTCAATAAGAAGATGTAAGGAAAATAACATTTCTTTCATTCCACAGGAATCTCAGGTTTATACT
 CTTGATGTACCGGACGCATTCTATTACTGTTACAGTCCAGACCCTAGTAACGCCAGCAGGAAAGAAGTGG
 TCATGGAGGCAATGGCTGAGCAGATTGTGACAGTGTGCCACTCTGGATGAAAACCTGGAGTGAGGTA
 CAAGAGTAAACCTCTAGATAATGCCAGTAAAGCTTGACAGCTGGTTGAGAAAAAGCTTGAAGACTACTAC
 AAAATTGATGAAAAAGCCTAATAAAGGGTAAACTCAGTCCCAGCTCTTAATAATTGACCGTGGCTTTG
 ACCCTGTGTCCACTGCTCGATGAACGACCTTTCAGGCAATGGCATATGATCTACTACCAATTGAGAA
 TGATACATACAAGTACAAAACAGATGAAAAGAGAAGGAGGCAGTTCTTGAAGAAGACGACGACCTGTGG
 GTGCGGGTTCGACACCGGCACATCGCGTGTGTTGGAGGAAATCCAAAGCTTATGAAGGAAATTTTCAT
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 CTTCCGAAAGCAGATCTCGAAGCAAGTAGTCCATCTTAACCTTAGCTGAAGACTGCATGAATAAGTTAAG
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 TGAAGGACTCCATGCTGGTGTCTCTCCAGTGTGCTCAACAAAAACCATGACAACTGCGACAAAATACG
 GGCAGTCTGCTACATCTTCGGGATTAATGGAACCACTGAAGAAAACTGGACAGACTGATCCACAAT
 GTAAAGATAGAAGATGATAGTATGATTTCGTAACCTGGAGCCACCTTGGTGTCCCATTTGTTCCCCAT
 CCCAGCAAGCCAAACCACTGAGAAAGGATCGGTCTGCAGAAGAGACTTTTCAGCTTCTCGATGGACACC
 TTTTATCAAAGATATCATGGAGGATGCCATTGATAATAGATTAGATTCCAAAGAGTGGCCGATTGTTCC
 CGGTGCCCAGCAGTGTGGAATGGCTCTGGAGCTGTGAGTGTGCTCGCCAGAAACCCAGAACCTAACTACTTAG
 AGCTGGACCGGAAAAATGGGTCAAGGCTGATTATTTTTGTAATTGGAGGAATTACGTACTCTGAGATGCG
 GTGTGCTTATGAAGTTTCCAGGCACATAAATCCTGTGAGGTTATTATTGGTTCCACACATATTTTAAACA
 CCCAGAAAGCTCCTGGATGATATAAAAATGCTGAATAAATCAAAGGATAAAGTTTCTTTAAGGATGAGT
 AACTTTTTATGGTTGCTGTTTAGAGTTTTGTTAATACGATCGGCTACAGCAAATGTTGCTGTTGAATT
 TAAGCGGTGTAATAGTGTATGGAGTAATGTGGTTTTCAAGTGTACATCTTACAGAAGCTTATGTGTTAT
 GGATTTGCCATTTCTAATAATTTAAATACTGTTGCTGCTTTGTACAAGATCTGACACTACAGGGCTTCT
 AATCAGGATGTCTTACCCTAGGACAGAACTGTTAGGAGGGATGGGTAGTTTTTACAGCTGCTGTAT
 ACATACTAGTTACTGTATACTTACGCTGAAATATAGTGTGGGGGCAAAATGATTTTGAATGAAGAGATT
 ATAAAAGTAAAACTGTAATGTATGTATGATAGAATATTTCTTATAAGTGCAGTTTCTTAAAACTGAG
 ATTCATAATTTTTATGTGTAATAATCCAGTGTAAATATGATTTCACTGTGTATATTACCTGTGAA
 ATAATTCTAAAGAACACAATTTTATATGTTTGGAGATCATGTCTGCTTAAGTTAGACGCCAAAAATAATCA
 TGAACATTCTAAGAGAAAAATAATATATTATTGTCAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: EcoRI-NotI

ACCN: BC062901

Insert Size: 1779 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: [BC062901](#), [AAH62901](#)

RefSeq Size: 2433 bp

RefSeq ORF: 1779 bp

Locus ID: 20912

Cytogenetics: 3 F3

Gene Summary: Together with STX4 and VAMP2, may play a role in insulin-dependent movement of GLUT4 and in docking/fusion of intracellular GLUT4-containing vesicles with the cell surface in adipocytes.[UniProtKB/Swiss-Prot Function]