

Product datasheet for **SC217244**

Munc18 1 (STXBP1) (NM_003165) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Munc18 1 (STXBP1) (NM_003165) Human 3' UTR Clone
Symbol:	Munc18 1
Synonyms:	DEE4; MUNC18-1; N-Sec1; NSEC1; P67; RBSEC1; unc-18A; UNC18; unc18-1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003165
Insert Size:	1971 bp



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Insert Sequence: >SC217244 3'UTR clone of NM_003165
 The sequence shown below is from the reference sequence of NM_003165. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTTGAGGATCAGGCTCCAACAATGGAGTAGAGCCAAAGAAACAAAGATCCACACATCCTCACCCCA
CAGAACTGCTGGACACACTGAAGAACTGAATAAACAGATGAAGAAATAAGCAGTTAAAAAATAAG
TCGCCCTCCAAAACACGCCCCATCCACAGCGCTCCGCGAGTTCCACCACCGCCCGCTCAGTTCC
TTTGCGTCTGTTGCCCTCCCAGCCCTGCACGCCCTGGCTGGCACTGTTGCCGCTGCATTCTCGTGTTC
GTGATGCCCTCTTGTGTTGAAACAAAAGAAAATAATGCATTGTGTTTTTAAAAAGAGTATCTTATA
CATGTATCCTAAAAGAGAAGCTCATGTCAATTGGTGCACAGCAGGAGAAATTTCTGGACTGTTAGGA
TGAATGGACGCCCTTCCCGTTATTTAAGATTTGTGACCTGTACATAACCCTGGGTGACGTGCACAT
TGCTTGGGTATGGAACGGTAGAAAATTTGGGTGTTTTTAAACCTGTTTGGGGTGTTCCTGTCTTGT
TGAGAATCATAGAGATGTCTGTGTTCTTGGAGTATTTCACTGAGGACTAATCTGCTATCTTCATTCC
AGTCCCTACCCCTCAGTGCTGCTCTCATCAAATAACCTGGGAGGTGACAATCAGGATATCTCAGGAG
GTCCAAGGTGGAACAGACCTCTTTGCCCTTCCCAGCGTCTCATACCCCGGTAGTGCAGCTGTGGGTGG
AGGCTGGGGTGTCTGCACGAAGTCAGGCCAGCGTCTCCTCCACAGCCTGTCACTGCCCCCTCCCAGC
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TTCTGTCCCAGGCATCATCCCAACAGCTATTTCCCTAGTCCGCCTTCGTTCAAGGGTCAGGAATGG
ACCAGAACAGATGGGTTCTGGAGGCCCTGAACAGAGGGCTATGGCTGTGGAGAAGTTCTTGGCCCGT
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AGACTCAGCAGCTCTCATTCTCCAGTGGTGAACACACACATTTGTGCTGCTGTTGTGCTGAAATATA
ATAACAGTGAAGTCACAAAAATGTCCCCTGCCAGCCCTCGCCGCCCTTGACCTCCTGCAGGCCAT
GTGTGTATTACTTGTCTAGTGTGCTCTCAAAGTGTGTACGCGAGCTCGGCCACCTCCGCCCTCC
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CTCCCCTTGCACTGAGATTAGTCTGTCAGATCTCTCCCGTCTCCCTCCCACTTATACGACCTGATTC
CTTAGGACGGAACCGCAGGCACCTGCGCCGGCGTCTTACTCCCGCTGCTTGTCTGTCCCTCCCTCG
GACCAAACAGTGCTCATGCTCAGGACCTGTTTGTGCAAGATGTTGGTTTCCCTTTCTCTGTTATTTA
TATAAAAAATAATTTATCAAAAGGATATTTTAAAAAAGCTAGTCTGCTTGAAGTGTGTTACCTTAAAA
TTATCAGAATCTCAGTGTGTTGAAAGTACTGAAGCACAACATATATCATCTCTGTACCATTCTGTACTA
AAGCACTTGAGTCTAATAAATAAAGAAATCAGCACCCCT
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_003165.6](#)

Summary: This gene encodes a syntaxin-binding protein. The encoded protein appears to play a role in release of neurotransmitters via regulation of syntaxin, a transmembrane attachment protein receptor. Mutations in this gene have been associated with infantile epileptic encephalopathy-4. Alternatively spliced transcript variants have been described. [provided by RefSeq, Feb 2010]

Locus ID: 6812

MW: 73.1