

Product datasheet for **MC200518**

Tspan2 (NM_027533) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tspan2 (NM_027533) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tspan2
Synonyms:	6330415F13Rik; B230119D02Rik; tspan-2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF:

```
>BC007185 sequence for NM_027533
GCAGCCCTGGACACTCTGCCTGGCGCCTACCACAAAGTCTCTACCGGCTTCACCGATCCTATTAGCTTT
ACCATCTGAAGTCACCTCCCTAGGTTTCCATAGACACGCAGGATAACTTCAACCATCATCGAGGGCCTCA
AGGGAGTCTGGGCACCCGGCACTGATTAATGGACCCCGGTTCCGGGTGGGCGCACAGATGCTCGGATA
GCTACAGGAGCCCAAGCCACCAGCGTGGACGAAGGTGGTGTACCTCCAAGGGCCGGAGCGGTGCGTG
GGACCGGGATCTCCACCCAGGGCGCCACGCCACAGCCAGCTGGCCGCTCGCGACCAAATCCCCGCCC
CAGACCACGCCACAGGTCAGGCCCTCCCAACCCGCCCCGCCCTCCACCGCGCCCGCTCCCGGG
GCTCGGGCGGGGCTGGGAATCGGGAGCCCGCCGCGGGGTTCGACGATGGGGGCTTTTCGCGGGGCC
TGCGGTGCATCAAGTATCTGCTGCTCGGCTTCAACCTGCTGTTCTGGCTAGCCGGATCAGCCGTATTGC
ATTTGGACTATGGTTTCGATTTGGAGGTACCATGAAGGATTTATCATCAGAGGACAAGTCCCAGAGTAT
TTCTATGTGGGCTGTATGTGCTGGTGGTGTGGGGCCCTGATGATGACTGTGGGTTTCTTCGGGTGCT
GTGGAGCCATGCGTGAGTCACAGTGTGCTCGGATCATTTTTTACCTGTCTGTTGGTGATATTTGCTGC
TGAAGTAACCACTGGAGTATTTGCATTTATAGCAAGGATGTAGCTATACGACATGTACAGAGCATGTAT
GAGGAGGCTACAGCGACTACCTTAAAGACAGGGCAAGAGGAAATGGAATCTCATTACCTTCCACTCAG
CATTTTCAGTGTGTGGAAAAGAAAGCTCTGAGCAAGTCCAGCCACGTGTCCAAAGGAGCTCCAGGCCA
CAAGAATTGCATCGACAAAATTGAAACCGTAATCAGTGCTAAACTGCAGCTCATTGGAATGTTGGTATT
GGGATTGCGGGTCTCAGCATCTTTGGCATGATATTCAGCATGGTGTCTTGTGTGCAATACGGAACCTCAC
GTGATGTGATCTGATGATACTTCATCAGAAAATTGCAATCTAGAGTTGTCGTGTAATATCACAAAGAG
CTCTCTCGGCTCGTTTTTAATATTCAGGATATTAGAAGCTAAAATAATTTTCTGTCAACTGTATATTTGC
ACATGTATGTAAGTCTGACTCATTACTGATTTGCCCTTGAGTGAATGTCTGTTTCTGGTATATGCATTG
CACATACTGATATCTGTTTCTGGGAAACCCTAGTTCTTGTATGCAAGAATAACCTATTTAAGTACCAGA
AAAAAGCAATGAGAGATTTTTAAACTCGGCTATTCAGGAAATGTAATAATGGGTCCATTTCTCAGATTT
TAGCCATGAAAATTAGATACATAAAGAGAATGCAGGATTTCTAGTTAATGGAAGCAATAAGATAGAAGAA
TTGAAGGCCATAGATTGACTGTGTCTGAGTTGAGTGTAAAGATTTCTTGAATATATATATATATATAC
ATATATTTCTCCCAAGTCCAGTAAACCACAGTTTTAGAACTAAACACATCTGTAAAAGTAAATATAGCA
TGGAAAAATCTAATTCAAAAAGTCATGTTTTCTTAGCATTTAAAAACAGAAAGCCTCTCTCTGGAAAGA
GAAGTCACGCAGACAGACAAGCATGTGCCCCAGAAAAGTGAAGTGTCTTAAAGACTAAAACTAACAACTTT
GAAGGGGGAGAAACTGCTATAGGATGACATGCAACGTTGTTTTCTCCTCTTCTCGCCAACTTTGC
TTTGAAGTGTGAAAGCCTCGCCTTCCCAAGGCCTTCTTCCACCTCCTTACTGTTTTTTTCAGATG
TGGTGACAGAGGAAAGCAGGCACTGTGCAGCGTGACAGTGGGGACTCTGGCTGGCACTGTCTGTACCTC
TGGAAACCTCATGACTTGAGTTACATACTTTCTAATATTTTTCCATTTTTCTTATTTATCTGTGCAG
AGAATTTTATAGATTAAAGACATAGTTTTATCTTTAAAATAAATAAATCGCCCCATAACTCAGATAT
TATGTTATGAGTACCCTGTCTAAACCAATATAAACACCTTCTTCAATATGTATGCATACAACAAAGGCAA
GTTAATGGATCAAAGTACTTTTCGTGCATACAGCTGCAGCACAATATATTTTCTCAGCGAACCCCTG
TGGGGATTAATAGATGCTCAGGTTCTTTGGGAGCCTGAGGATTGATTTTAAAGTGGGAAACCCAGGCACT
GCTCGGCTTTTGGCAGCAAGTGGGAAACCCACAGCAGGGTCAAAATGATGATTTTGCATAATGGAA
CAGCGTATAAAGGAGTCTTAGGATATATTGACCACATAAAAGTGAAGACATGAGGAATTTGGAAACCG
TCAGGCTAGCTTCTATGTCCGCTAAGAACCTAAGACTTTGGTATGTGCTAGAACAAGTGCCATGCTTCA
GGAAACTTTTACCAAGTGTGTTGCTGAGGACACACAACCTGCTGGGATGTCTCACCACAGAGGCCACCT
CTCTTTTTTTCAGATATTCTTGCTACTGCTACTAGCTTTGGAGAAAAAAACTGAGGGAGTTAAAAGTA
TAACTGTGTATGACTACTTTACCTATGTACGCAAAAGAGTATTTAAAAAAATCACTCTGTGATGTTTA
TACCCAGTGGTTGACAAATGCCAGTTTTTAAGCAAAACAAAGAGCGATCAGTCTTTCTTATAGCTTTAG
TTTATCTGTCTTCTGAAGACAGAGAACAGGCTCAAGTGTGTAAGTCTCAGGTTTCTCCAGCTCAGAGTTATT
TCCCGTTCTCAGAAAGTGTGTTTCTTCCCTGGGTGAGTGAATAAGTTTAAAGAAAACACAGTAACTAT
AGACAGAAGAGTAAAATAATTTTTAATGCAGAAGAATAAGTCTAGAAACCCATGCTCTGTGTGATTACC
TCTCTGAGGGTGAAGCTTCCAAAGAATGTGCTGGTAAAATTAGAGAATCCATCTTTGAGTAAAGATG
GATATATATCTTTATGTGAATGGATAAAGCTATATCTATAGAGATATATAACCCCTATGCTCTGAACCTA
TACATATCTTAAATACATATCTCTTAAAGCTAAAGACATATGTAATTTAATACATGTGTACCCGTTTGAA
ACTATGGAGATAAATGTTTGTATACATACATGTACATGTATATACATTTACAGTTATTTCTGTTTACC
TGAACATAATTTGAGATCAGACCCAAACATTTTAAAGTATTTTAAATTAATTTTCTATGTAATAAAAAA
AAAAAAAAA
```

Restriction Sites:

RsrII-NotI

ACCN:	NM_027533
Insert Size:	666 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:	<ol style="list-style-type: none">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:	BC007185 , AAH07185
RefSeq Size:	3441 bp
RefSeq ORF:	666 bp
Locus ID:	70747
UniProt ID:	Q92216
Cytogenetics:	3 F2.2
Gene Summary:	<p>May play a role in signalling in oligodendrocytes in the early stages of their terminal differentiation into myelin-forming glia and may also function in stabilizing the mature sheath.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>