

Product datasheet for MC226358

Tspan2 (NM_001243132) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tspan2 (NM_001243132) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tspan2
Synonyms: 6330415F13Rik; B230119D02Rik; tspan-2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC226358 representing NM_001243132
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTCCCCGAAAGAAGCCATCATCTTCGGCGGCATCGCCGGCGGGTGGCGCCAGCTAGCCGGATCAG
 CCGTTATTGCATTTGGACTATGGTTTCGATTTGGAGGTACCATGAAGGATTTATCATCAGAGGACAAGTC
 CCCAGAGTATTTCTATGTGGGGCTGTATGTCTGGTTGGTCTGGGGCCCTGATGATGACTGTGGGTTTC
 TTCGGGTGCTGTGGAGCCATGCGTGAGTCACAGTGTGTGCTCGGATCATTTTTTACCTGTCTGTTGGTGA
 TATTTGCTGCTGAAGTAACCACTGGAGTATTTGCATTTATAGGCAAGGATGTAGCTATACGACATGTACA
 GAGCATGTATGAGGAGGCTACAGCGACTACCTTAAAGACAGGGCAAGAGGAAATGGAATCTCATTACC
 TTCCACTCAGCATTTTCAGTGCTGTGGAAGAAAGCTCTGAGCAAGTCCAGCCCAGTGTCCAAAGGAGC
 TCCCAGGCCACAAGAATTGCATCGACAAAATTGAAACCGTAATCAGTGCTAAACTGCAGCTCATTGGAAT
 TGTTGGTATTGGGATTGCGGGTCTCACGATCTTTGGCATGATATTCAGCATGGTGCTTTGCTGTGAATA
 CGGAATCACGCGATGTGATC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001243132
Insert Size: 654 bp


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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:	<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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001243132.1, NP_001230061.1</u>
RefSeq Size:	4066 bp
RefSeq ORF:	654 bp
Locus ID:	70747
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 (2) differs in the 5' UTR and uses an alternate start codon, compared to variant 1. The encoded isoform (2) has a shorter and distinct N-terminus, compared to 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>