

Product datasheet for RN208985

Tspan2 (NM_022589) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tspan2 (NM_022589) Rat Untagged Clone
Tag: Tag Free
Symbol: Tspan2
Synonyms: Tspan-2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208985 representing NM_022589
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGCGTTTTTCGCGGGGGCC**T**CGGTGCATCAAGTATTTGCTGCTCGGCTTCAACCTGCTGTTCTGGC
 TAGCCGGATCGGCCGTTATTGCATTTGGACTATGGTTTCGATTTGGAGGTACCATAAAGGATTTATCATC
 AGAGGAGAAGTCCCAGAGTATTTCTATGTGGGGCTGTATGTGCTGGTTGGAGCTGGAGCCCTAATGATG
 GCTGTGGGTTTTCTTTGGGTGCTGTGGAGCCATCGGTGAGTCACAGTGTGTGCTCGGATCTTTTTTACCT
 GTCTGCTGGTGATATTCGCTGCTGAAGTAACCACTGGAGTGTTCATTATAGGCAAGGATGTAGCTAT
 ACGACACGTACAGAGCATGTATGAGGAGCCACAGCGATTACGTTAGGGACAGGGGAAGGGGAAATGGA
 ACTCTCATTACCTTCCA**C**AGCATTTCAGTGTGTTGGAAAAGAAAGCTCTGAACAAGTCCAGCCACGT
 GTCCAAAGGAGCTTCCAGGCCACAAGAATTGCATCGACAAAATTGAAACCATAATCAGTGTAAAGCTCCA
 GCTCATTGGAATTGTTGGTATTGGGATTGCGGGTCTCACGATCTTTGGCATGATATTCAGCATGGTGCTC
 TGCTGTGCAATACGGA**ACTCACGCGATGTGATT**TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_022589
Insert Size: 666 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).
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:	<u>NM_022589.1</u> , <u>NP_072111.1</u>
RefSeq Size:	3854 bp
RefSeq ORF:	666 bp
Locus ID:	64521
UniProt ID:	<u>Q9JW1</u>
Cytogenetics:	2q34
Gene Summary:	may mediate signalling in oligodendrocytes in the early stages of their terminal differentiation into myelin-forming glia; may function in stabilizing the mature sheath [RGD, Feb 2006]