

Product datasheet for **SC120409**

TSPAN18 (NM_130783) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TSPAN18 (NM_130783) Human Untagged Clone
Tag:	Tag Free
Symbol:	TSPAN18
Synonyms:	TSPAN
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_130783 edited
 GAATTCGGCACGAGGGCAGCCCGCTGGAAGAGTGTATCCAGAAGCTACTGTCAGGAGG
 AACTGTAAAGAGAACCTTGGCACCTCTGGGCCAAAGGGAAAGACACCAGTGGAAAGAGG
 TGAGCATCTCCTGGACCACCTCAAGCTTCAGGTGAGCTGAGCTTCTAACACTACCATCA
 AAGCAACTGGAACCCCTTGAATTTGATTCTGGAGACGCGAGCATAATCCTTTTGCAAAC
 ATCTCAACGCTGGCTCTCCAGCTGGGCCGATAAAAAGAAATATACACAAGCCTCGTGACG
 GGAGAGTCTGCTGCTGATGCCGAAGAACTGCCAGGTGGAGCACCATGGAAGGCGAC
 TGTCTGAGCTGCATGAAGTATCTGATGTTTGTATTCAATTTCTTCATATTTCTGGGCGGG
 GCCTGCCTGCTGGCCATCGGCATCTGGGTGATGGTGGACCCACCGGCTCCGGGAGATC
 GTGGCTGCCAATCCTCTGCTCCTCACGGGCGCCTACATCCTCCTGGCCATGGGGGCGCTG
 CTCTTTCTGCTCGGCTTCTGGGCTGCTGCGGGGCGTCCGTGAGAACAAGTGTCTGCTG
 CTATTTTCTTCTGTTATCCTGATCATCTTCTGGCAGAGCTCTCAGCAGCCATCCTG
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 TACCAGGGCAATAACGACACAGACGTCTTCTGCCACCTGGAACCTCGGTGATGATCACA
 TTTGGTTGCTGCGGGGTCAACGGGCTGAAGACTTTAAGTTTGCATCTGTGTTTCGACTC
 CTGACCCTGGATAGTGAAGAGGTGCCGGAGGCTGCTGCCGGAGGGAACCCCAAAGTCGG
 GACGGGGTCTGCTGAGCCGGGAGGAGTGCCTCCTGGGAAGGAGCCTATTCTAAACAAG
 CAGGGCTGTTACACGGTATCCTCAACACCTTCGAGACCTACGTCTACTTGGCCGGAGCC
 CTTGCCATCGGGTACTGGCCATCGAGCTTTTCGCCATGATCTTTGCCATGTGCCTCTTC
 CGGGGCATCCAGTAGAGGTATGGCCTGAAGCCTGAAGACTCGCCCAACCACCCTGCC
 CAGCACCAATGTCTCCCGTGCCCTCCCGCTGTCCTTTGGCCCCAGGGGAGAAGAT
 GAGGCCATCAGAGATGGCCAGGAGAAGGCCAGGGGAATAGAGCTATTTTTTAAACAAA
 CAAAATGAAGACAAAATATGGACTGATGTATCCTCGCCTGGACTCAGGGCAGGTGCCGT
 GGGTTCTCCAGAGACCCAGCAACTGGCCAGGATGCAGGCTGCTCTAGAGACCAAAGGA
 ACACCAGGCCAGCGCCCTTTTGGTCCAGCCAGACCCTGGGCCCTCTCTCTACTGCA
 CCAGGACCTGATGCCAAGAAAGTGAAGATTTAGGCAACAAGGAGGCAAAAAGCAAATCTCA
 GAGAAGTCATCAAAGCCAGGGGCTGCACGGAGATTCAGCTGCCATGTCTTTGAGGACTC



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GGAACCCACAGCGCAATCCCTGGTCCACTGGAGGATGGACTGTTCCCCCTTCAGGCCGG
 GGCCAAGAGTGAGCTGCTAACACGGCATCCAAGAATGGCCAGCTGGTAGGATCCTTGCT
 TTCCCCATCTGTTGGACCAATAATCTCAAAGGCCAGAGAGGACAGTGACCATCCACAG
 ACACACAGCACAGGCGTGACAGTTCTGAAAAGAAGCTGAGTTGTCTCCAGGCTGCTGTCA
 CTGCATCCAGGACTCTGTGAGCTCTGCTGCCACATGCACCCCTGGCCTCAGCATCCCGG
 TTCCCCCAGACAAGAGAGGGCAAGTCAGCCAGGAAGTGCCTCCTCCCTGCTCTACAGCTA
 AGAAAACACCATTCCATGACTTCCACCGCGCCCTCGCTCCTACCTCCCCACACCTCTCT
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 TATCAGCTTCCAGCCTCCCTCAGGCTTCCAGTACCAGGGACACTCGGAGCCACAGCC
 TAGAGCCCGTGTCCCTGGCCTGTGCGTCTGCCCTTCTGAGATGCAGCCAGAAGCTC
 TGTGCCTGCTGCAAAGATTCAAGTGGACCCTCCTCTAATCTCCTCTGCTGTGCCCGCCA
 GTCCTTGGCCTCCACACAGGCTCTGAGCTCAGTCTTACCAAATTCGCCCTTTAACAGCT
 TGCTCTGGCAACCCATAAATGACACCTGAGCTCCGTAGAAGCTAAGCTCCTGAGACCCA
 GGGGGACTGCCACTGGTACCGCGGCCAGCCTGGGGCTGGGGCTGCCCTCTTGAAC
 CACCCACATGCTTAGCCCCAGCTTTTGGAAAGAGGCAATGGCTGGTCTGAGGATGACAC
 AAAAAACAAAAAAAAAAAAAAAAAACTCGAC

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_130783 unedited
 NGTTCAAATTTGTATACGACTCATATAGCGCGCCGCGNAATTCGCACGAGGGCAGCCGCC
 GCTGGAAGAGTGTATCCAGAAGCTACTGTGAGGAGGACTGTAAGAGAACCCTGGCACC
 TCTGGGCCCAAAGGGAAAGACACAGTGGAAAGAGGTGAGCATCTCCTGGACCACCTCA
 AGCTTCAGGTGAGCTGAGCTTCTAACACTACCATCAAAGCAACTGGAACCCCTTGAATTT
 GATTTCTGGAGACGCGAGCATAATCCTTTTCAAACATCTCAACGCTGGCTCTCCAGCTG
 GGCCGATAAAAAGAAATATACACAAGCCTCGCTGACGGGAGAGTCTGTCTGCTGATGCC
 GAAGAAGTGGCCAGGTGGAGCACCATGGAAGGCGACTGTCTGAGCTGCATGAAGTATCTG
 ATGTTTGTATTCAATTTCTCATATTTCTGGGCGGGCCTGCCTGCTGGCCATCGGCATC
 TGGGTCATGGTGGACCCACCGGCTTCCGGGAGATCGTGGCTGCCAATCCTCTGCTCCTC
 ACGGGCGCTACATCCTCCTGGCCATGGGGGGCCTGCTTTTCTGCTCGGCTTCTGGGC
 TGCTGCGGNGCCGTCCGTGAGAACAAGTGTCTGCTGCTATTTTTCTTCTGTTTATCCTG
 ATCATCTTCTGGCAGAGCTCTCAGCAGCCATCCTGGCCTTCTTCTCAGGGAAATCTC
 ACCCGAGAATTTCCACCAAGGAGCTCACCAAGCACTACCAGGGCAATAACGACACAGAC
 GTCTTCTGCCCACCTGGAAGTCTGTCATGATCACATTTGGTTGCTGCGGNGTCAACGGG
 CCTGAAGACTNTAAGNNTGCATCTGTGTTTCGACTCCTGACCCTGATAGNGGAAGAGGTG
 CCGGNAGCCTG

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_130783 unedited TTTATTGGTCNCGAAACCCGCAATTATGANCGAGNTATTTTCCTTTTTTTTTGGTTTTGG GGGTCAATCTCAGACCAGCCATTTGCCTTTTTCAAAAACCTGGGGCTAAGCATGTGGGTGG TTCAAGAGGGGCAGCCCCAGGCCCCAGGCTGGGCCGCGTACCAGTGGCAGGTCCCCCT GGGTCTCAGGAGCTTAGCTTCTACGGAGCTCACGCGTTCCTAATTGGTCGCCAGACCAAG CTGTTAAAGGGCGAATTTGGTAAGACTGAGCTCAGAGACCTGGCGGGAGGGCAAGGACTG GCGGGCACAGCAGGAGGAGATTAGAGGAGGGTCCACCTGAATCTTTGCCACGAGGCACAGA GCCTCTGGCTGCATCTCAGAAGGGGGCAGACGCATCAGGCCAGGGAACACGGGGCTTAC GCTGCGGCTCCCCATGACCCTGCGACCGAAAGCCTTGAGTGAGGCTGGAAGCCGATAACC GACGCCGGTGGCCTTGTGACACAGAATGAGCTCTTTCTTTCTGAACAGGGACAGACGGGA GCCAAGAGACCACACATTCCTACTGGTCCCTCCATCCCTGGTTGCGGCATAATATCCTTA ATCCAACCTTACGCGCCTGCCATAAATAATCACCCTGATGCCACTCGCCCCCTCC AATTGAGCTCAAACCTTCTTTTTATTTTTTTTACCCTGCTCTAACTATCTCCCTCTC GCCCCCTCCGGCAACGGCGCACTAATGATAATTAATTTGTAATTATTCCTCTTATATT TTCCCATCTAACCTTTGCGGTGTGTTCCCTGCCACCTCCCCTCCCCTGTCCTTGCATG TTATACCTTCATAATCCCGCCCTTTCCCTCTCTATNTCTTGTGCGCACCTAA CGCTTCACATTGCTTACTGCCCTCCCATCCCCTTGAGACACCACTGCCCTCCCCTAT
Restriction Sites:	NotI-NotI
ACCN:	NM_130783
Insert Size:	3890 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:	NM_130783.2 , NP_570139.2
RefSeq Size:	3063 bp
RefSeq ORF:	747 bp
Locus ID:	90139
UniProt ID:	Q96SJ8
Cytogenetics:	11p11.2
Domains:	transmembrane4
Protein Families:	Transmembrane