

Product datasheet for **SC123009**

TSPAN10 (NM_031945) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TSPAN10 (NM_031945) Human Untagged Clone
Tag:	Tag Free
Symbol:	TSPAN10
Synonyms:	OCSP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_031945 edited
 GCCCAGCAGCCCAGCCACAGAGGAGCCAGCGAACCTCTCCCGGCGCCTGTTCTGGGGGCT
 TTCTGTCCAGCGTCAAGGATGGAGGAGGGGAGAGGAGCCCCTTACTGTCCCAGGAAAC
 TGCAGGCCAGAAGCCCCTCTGTGCACAGGCCACCCACCTCAGGCTGCCTAGGTCCAGT
 GCCCAGGAGGACCAGGCGGAGGCTGGGGCTGCAGCTGCTGTCCCCGGAGACCAAGCA
 CCAGGCCCTTGAGTGGCACTCCCAAGAAAGACCAGCCCCTCCCTCTCCCAGGGAGCAG
 CTGCGTCAAGTATCTGATCTTCCCTCTCCAACCTCCCTTCTCCCTGCTGGGGCTGCTGGC
 CCTGGCCATCGGGCTCTGGGGCCTGGCTGTCAAGGGGTCTCTGGGAAGTATCTGGGGG
 GCCCTGCCACAGACCCCATGCTGGGGCTGGCACTGGGAGGGCTGGTGGTCAGCGCAGC
 GAGCCTGGCTGGCTGCCTGGGCGCCCTCTGCGAGAACACCTGCCTGTTACGTGGCTTCTC
 CGGGGGCATCCTTGCCTTCTGGTGCTTGGGCGGTGGCGGGGGCCCTGGTGGTGGCCCT
 CTGGGGCCCGCTGCAAGACAGCCTGGAGCACACCCTGCGTGTGGCCATCGCCACTACCA
 GGACGACCCAGACCTGCGCTTCCCTCTCGACCAAGTCCAGCTCGGGCTGAGGTGCTGCGG
 AGCTGCCTCCTACCAGGACTGGCAGCAGAACCTGTACTTTAACTGCAGCTCCCCGGGGT
 GCAGGCCCTGCAGCCTTCCCGCTCTGCTGCATCGACCCCGCGAAGATGGAGCCTCTGT
 CAACGACCAAGTGGGCTTCCGGGCTCTGCGCTGGATGCGGACGAGCTCAGAGAGTGGT
 GTACCTGGAGGGCTGCGGCCCGCCGCTCCGGCGGTGGCTGCGCGGAACCTGGCTGCCTC
 GGGCGGCTACGCAATCGCGGTGGTGTGCTGCTGCAGGGCGCGGAGCTCCTGTGGCCGCCG
 GCTACTCGGGGCCCTCGCTGCCCGCAGTGGGGCGGCGTACGGCCCGGAGCGCGCGGGGA
 GGACCGCGCTGGCCCCAGAGCCCCAGCCCCGGCGCCCCCGCCCGCTGCCAAACCCGCCCG
 GGGCTGAGCGCACGCCCCGAGGTCCGAGACCGCCACGCACAGGGATACAGGGGGCGCCTC
 CGCCCCGGCTAAAAGCGCTGCCTGCGCCGCCCGCCCGCCTGATTCGCTCGGGCTTCGG
 GTGACTTCGCGCAGGACCTACCCAGCTCGCTCACTTCGCTCGCTCCGCGTCCCCACTGC
 CAGCCCCCAACGACGGGCGCCCGGAAGCCACGGGACTGGCGGAGGAGCACGCGGGGC
 CGGAGGAAATCCTGGAGCTGACCCTCACCTCCGAGCCCCACTCCACCCAGCCGCACA
 GTTCCACCTCCTGGCACCTCCCTCCCCTGGGGCCGCCACCCCTTCTGGGCTCGTATGG
 TGGAGCTAAGGTCCAGGCCTCTCCCTCCCGAGTGCATTTTTGGGGAGATAGTAAATGTTT
 TATTCGGGTGATCATTACATACAGTAAAGACACCAATCTTACAGGCAAAAAAAAAAAAAA
 AA
 AAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_031945 unedited
 NAAAGGGTCAAGATTTGTATACGACTACTATAGGGCGGCGGATTCCCGGGATGCCCA
 GCAGCCCAGCCACAGAGGAGCCAGCGAACCTCTCCCGGCGCCTGTTCTGGGGGCTTTCTG
 TTCCAGCGTCAAGGATGGAGGAGGGGAGAGGAGCCCCTTACTGTCCCAGGAACTGCAG
 GCCAGAAGCCCCTCTCTGTGCACAGGCCACCCACCTCAGGCTGCCTAGGTCCAGTGCCCA
 GGGAGGACCAGGCGGAGGCTGGGGCTGCAGCTGCTGTCCCCGGAGACCAAGCACAGG
 CCTTGAGTGGCACTCCCAAGAAAGGACCAGCCCCTTCCCTCTCCCAGGAGCAGCTGCG
 TCAAGTATCTGATCTTCCCTCTCCAACCTCCCTTCTCCCTGCTGGGGCTGCTGGCCCTGG
 CCATCGGGCTCTGGGGCCTGGCTGTCAAGGGGTCTCTGGGAAGTATCTGGGGGGCCCC
 TGCCACAGACCCCATGCTGGGGCTGGCACTGGGAGGGCTGGTGGTCAGCGCAGCGAGCC
 TGGCTGGCTGCCTGGGCGCCCTCTGCGAGAACACCTGCCTGTTACGTGGCTTCTCCGGG
 GCATCCTTGCTTCTGGTGCTTGGGCGGTGGCGGGGGCCCTGGTGGTGGCCCTCTGGG
 GCCCGCTGCAAGACAGCCTGGAGCACACCCTGCGTGTGGCCATCGCCACTACCAGGACG
 ACCCAGACCTGCGCTTCCCTCTCGACCAAGTCCAGCTCGGGCTGAGGTGCTGCGGAGCTG
 CCTCCTACCAGGACTGGCAGCAGAACCTGTACTTTAACTGCAGCTCCCCGGGGTGCAGG
 CCTGCAGCCTTCNCGCTNCTGCTGCATCGACCCCGCGAAGATGGAGCCTCTGTCAA

Restriction Sites: Please inquire
ACCN: NM_031945
Insert Size: 1693 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_031945.2 , NP_114151.2
RefSeq Size:	1693 bp
RefSeq ORF:	1068 bp
Locus ID:	83882
UniProt ID:	Q9H1Z9
Cytogenetics:	17q25.3
Protein Families:	Transmembrane
Gene Summary:	Regulates maturation of the transmembrane metalloprotease ADAM10.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR and initiates translation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (b) is shorter at the N-terminus, compared to isoform a.