

Product datasheet for **MC201596**

Tspan14 (NM_145928) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tspan14 (NM_145928) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tspan14
Synonyms:	AA958793; D14Ertd226e; Tm4sf14; tspan-14
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC025568 sequence for NM_145928
 CCACGCGTCCGCCGGCCGCTGCTGCCGCCGCTGCTGCCGCCGCCGGTCTCCTTCTCAGAAGATGCACT
 ATTATAGATACTCGAACGCCGAGGTGAGTGTGTTACAAGTACCTGCTTTCAGCTACAATATCGTCTT
 TTGGCTGGCTGGAGTTGTCTTCCCTTGGAGTCCGGCTGTGGGCATGGAGCGAAAAGGGTGTGCTGCCGAC
 CTCACCAAGGTGACCCGGTTGCATGGAATCGACCCCGTGTGCTGGTCTTGTATGGTGGCGTGGTGTATGT
 TCACACTGGGATTCGACAGCTGTGTCGGGGCCCTCCGAGAGAACATCTGCCTGCTCAAGTTTTCTGTGG
 GGCCATTGTGCTCATCTTCTTCCCTGGAAGTGGCCGTGGCCGTGTTGGCCTTTTTATTCCAAGACTGGGTG
 AGAGACCGTTCCGGGAATTCTTCGAGAGCAACATCAAGTCTATCGGGATGACATCGACCTGCAGAACC
 TCATTGACTCCCTTCAGAAAGCTAATCAGTGTGCGGGGCTTACGGCCCTGAAGACTGGGACCTCAATGT
 CTACTTCAACTGCAGTGGTGCCAGCTACAGCCGAGAGAAATGTGGGGTACCCTTCTCCTGCTGTGTGCCA
 GATCCTGCACAAAAAGTCGTGAACACACAGTGTGGCTATGATGTCCGGATTGAGTGAAGAGCAAGTGGG
 ATGAGTTCATCTTTACAAAAGGATGCATCCAGGCTCTGGAAGGCTGGCTGCCAGGAACATCTACATTGT
 GGCTGGTGTCTTATTGCCATCTACTGCTGCAGATTTTGGCATCTTCTGGCAGGACCCTGATCTCA
 GACATCGAGGCAGTGAAGGCAGGCCATCACTTCTGAGAAGCAGATGCAGCAAATGGAGTTGAGCCACATG
 TAGAGGTCAAGCCTTCTACTGTCCAGCAGCAGCAGCAGAAGTCGACATTAGCCACCCACAACCAGACCCC
 AGTCTTCCGCATCAGTGTGATATGACCTCTCAGTTTCTTCTTGTGGTGTGAAGACCAAGGCCCTTCT
 CATCTGCCACACTTGACATGGCATCTCTGAAAAGGGCTTGCCCAGAGACAGAGAATGTGTTTTATGTG
 GAGTAGTAACTCTGAGGACAGATGGCTCCCATGGCTGCAGGAAAGGCTTATGGCCCTTATGGAGCCAA
 GAGCATCTGCAGGCCCTGCCTCCTCAGTAAGGCTTAGGTAGATGCTCAGCTCATATCTTCTGTGGGTAT
 AGCATCAGTATGGGACCAGCACTGAGGACAAGGCTTCTGGTCCATCTGATCAAGAAGGAGGAGGAGGGA
 TGAGTGGTCTAGTGGTACCCTCGTGCCAACAGGGTTCGTGGTGGTGAACATGCCAGGGGTTTGCAGAA
 TCCTCAGCCATGTCCAAGTGAATTATGCCTGAGCCAGCCATAGCCGGTCTGGGGAGCACATCACCCTG
 CCTTCCAAGCCTACACTGCTCTCCAGGGTAGAACAGCCTCGTTTCTCCATAGCATTAAAGCCCTACTG
 GGCCAGCTCTCCTGTTCTTATAGTGTGTAATAAGTTTATTTATAGGGGTAAAGAGTGTTCCTTCACCATAT
 TTCATAGCCTCTCCGTCTGGCATTCTTTCTCAGCAGCCTTACCCAGTGTCTGGGACCAAGCTGTCTCT
 TTTTCAGTCCCGAGTGTCTTAAGAACCAGCTGTGACAGCTTCTCCCTCTGGTTCACATCCCTCCATGC
 GCCCTGCTTGGCTTCCCTGTCTTCTGGTCTCGGTGCTACTGAAATGGCCACCAGAACTGAATCCTGAC
 TGACCCTTCTCCTTCCCGCTGCCCTCCAGGGAGCCCCAGCTCCTGATTGCCAGCTGGAAGTGGGTTCT
 CTCTCACGACCACATACAGCTAGTGGCCAAAGTATGCTGTCCCTGGAGGGCAACGCTCCTGCAGCCAGG
 CCCTGGCAAGCACAGACAGCTGGTGTGTGGAATGCTCAGTGCATCTTATCTTAAGTCCCGTGGTGA
 CTCCTCCACCCACATGCCGTGTTACTGTGACTGTTCTGAGGCTGCTTGTAAAATGATGTCTGTCT
 TAGCTACTGGATACTCCGAGGCATGCTGGCGTCTGTCCACTGGGGCTGGGCTACTCTCTAGTGCTTCTT
 TATAACTTGATCTGTCTTACCCTTACGGATTGAGTACTACCTTCAAGTACTTGGCAGGATGATGATGAT
 CTAGTGTGGTGTACTGGTGTACTGGTGGGGTGTGTTTATGATGATGATGATGATGATGATGATGATGATG
 ATAATTCTCTATAGACTAGAGGAAGAAGAATGCTTGTGTTTTAGGAAGTGTGCAGCTTCTCTTTGACCT
 GCCAAACTCTTTTATGGAATATATCTTTATATTAATAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_145928

Insert Size: 813 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:

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: [BC025568](#), [AAH25568](#)

RefSeq Size: 2428 bp

RefSeq ORF: 813 bp

Locus ID: 52588

UniProt ID: [Q8QZY6](#)

Cytogenetics: 14 22.36 cM

Gene Summary: Regulates maturation and trafficking of the transmembrane metalloprotease ADAM10 (PubMed:26668317, PubMed:23035126). Negatively regulates ADAM10-mediated cleavage of GP6 (PubMed:26668317). Promotes ADAM10-mediated cleavage of CDH5 (PubMed:23035126).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.