

## Product datasheet for **MR203045**

### Tspan7 (BC058603) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tspan7 (BC058603) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Tspan7  
**Synonyms:** A15, PE31, TALLA, Cd231, Mxs1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR203045 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGACCAAACCTGTGATAACCTGTCTCAAACCCCTCATCATCTACTCCTTCGTCTTCTGGATCA  
CTGGGGTGATCCTGTTGGCCGTTGGAGTCTGGGAAAGCTGACTTTGGGAACCTATATCTCCCTGATTGC  
TGAGAATCCACAATGCTCCCTATGTGCTCATTGGAACCGGCACCACCATCGTGGTTTTTGGCCTCTTT  
GGATGCTTTGCTACATGCCGTGGTAGTCCATGGATGCTGAACTGTATGCCATGTTCTGTCCCTGGTGT  
TCCTGGCTGAGCTTGTGCTGGCATTCTGGATTTGTGTTTCGTCATGAGATCAAGGACACCTTCCTGAG  
GACTTACACGGATGCCATGCAGAACTACAATGGCAATGATGAGAGGAGCCGGGCTGTGGACCATGTGCAG  
CGCAGCCTGAGCTGCTGTGGCGTGCAGAACTACACCAACTGGAGCAGCAGCCCTACTTCCTGGACCATG  
GCATCCCCCAGTTGCTGCATGAACGAACTGACTGCAATCCCCTGGATCTGCACAATCTGACTGTGGC  
CGCCACCAAAGTTAATCAGAAGGGCTGTTATGATCTGGTGACCAGTTTTATGGAGACTAACATGGGGATC  
ATTGCTGGAGTGGCATTGGAATTGCGTTCTCCAGTTGATTGGCATGCTGCTGGCTTGTCTGTCTGCC  
GGTTCATCACTGCCAATCAGTATGAGATGGTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR203045 protein sequence  
 Red=Cloning site Green=Tags(s)

METKPVITCLKTLLIIYSFVFWITGVILLAVGVWGLTLGTYISLIAENSTNAPYVLIGTGTTIVVFLF  
 GCFATCRGSPWMLKLYAMFLSLVFLAELVAGISGFVFRHEIKDTFLRITYDAMQNYNGNDERSRAVDHVQ  
 RSLSCCGVQNYTNWSSSPYFLDHGIPPSCCMNETDCNPLDLHNL TVAATKVNQKGCYDLVTSFMETNMG I  
 IAGVAFGIAFSQLIGMLLACCLSRFITANQYEMV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

ACCN: BC058603

ORF Size: 732 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:** [BC058603](#), [AAH58603](#)

**RefSeq Size:** 1751 bp

**RefSeq ORF:** 734 bp

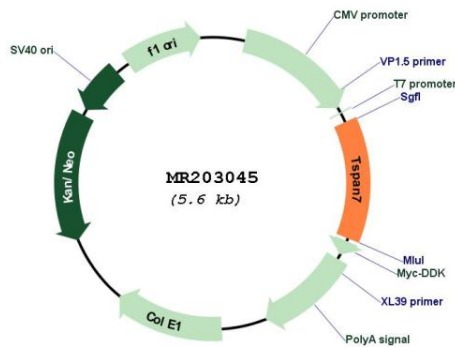
**Locus ID:** 21912

**Cytogenetics:** X A1.1

**MW:** 26.9 kDa

**Gene Summary:** May be involved in cell proliferation and cell motility.[UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for MR203045