

Product datasheet for **MR201182**

Tspan7 (BC026516) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tspan7 (BC026516) 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:	>MR201182 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTCTGTCCCTGGTGTTCCTGGCTGAGCTTGTGCTGGCATTCTGGATTTGTGTTTCGTCATGAGA
TCAAGGACACCTTCTGAGGACTTACACGGATGCCATGCAGAACAATGGCAATGATGAGAGGAGCCG
GGCTGTGGACCATGTGCAGCGCAGCCTGAGCTGCTGTGGCGTGCAGAACAACCAACTGGAGCAGCAGC
CCCTACTTCTGGACCATGGCATCCCCCAGTTGCTGCATGAACGAACTGACTGCAATCCCCTGGATC
TGCACAATCTGACTGTGGCCGCCACAAAGTTAATCAGAAGGGCTGTTATGATCTGGTGACCAGTTTTAT
GGAGACTAACATGGGGATCATTGCTGGAGTGGCATTGGAATTGCGTTCTCCAGTTGATTGGCATGCTG
CTGGCTTGTCTGTCTGCCGGTTCATCACTGCCAATCAGTATGAGATGGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR201182 protein sequence Red=Cloning site Green=Tags(s)
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MFLSLVFLAELVAGISGFVFRHEIKDTFLRITYTDAMQNYNGNDERSRAVDHVQRSLSCCGVQNYTNWSSS
PYFLDHGIPPSCMNETDCNPLDLHNLVAATKVNQKGCYDLVTSFMETNMGIAGVAFGIAFSQLIGML
LACCLSRFITANQYEMV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:	Sgfl-MluI
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Cloning Scheme:


ACCN: BC026516

ORF Size: 471 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: [BC026516](#), [AAH26516](#)

RefSeq Size: 1589 bp

RefSeq ORF: 473 bp

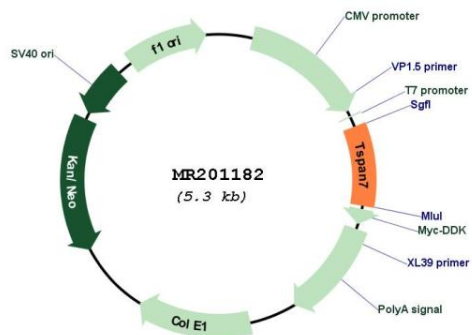
Locus ID: 21912

Cytogenetics: X A1.1

MW: 17.5 kDa

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

Product images:



Circular map for MR201182