

## Product datasheet for **RR207100**

### Tspan6 (NM\_001100672) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tspan6 (NM\_001100672) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Tspan6  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR207100 representing NM\_001100672  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGTCCCATCTCGGAGACTGCAGACCAAGCCAGTCATTACTTGTTCAAAAGCGTTCTCTTGATCT  
 ACACATTCATCTTTGGATCACTGGTGTATCCTTCTTGCCGTTGGCATTGGGGCAAGGTGAGCCTGGA  
 AAATTATTTTCCCTCTAAATGAGAAGGCCACCAATGTGCCTTTGTGCTCATTGGCAGGACTGTC  
 ATTATTCTTGGGCACCTTTGGTTGTTTTGCTACCTGCCGAGCCTCAGCATGGATGCTGAAACTGTATG  
 CGATGTTTCTGACTCTCATTTTTTTGGTCGAGCTAGTTGCAGCCATTGTAGGATTTGTTTTTCAGACATGA  
 GATTAAGAACAGCTTCAAAGTAACACGAAAATGCTCTGAAGGAGTACAACCCACAAGAGACTATAGA  
 AGTGAAGCTGTAGACAAGATCCAAAGTACGTTGCATTGCTGTGGGGTCACCAATTACAGGGATTGGAAAG  
 GTACAAACTATTACTCAGAAACAGGATTTCCCAAGAGCTGCTGTAACCTGGAAGGCTGTTATCCACAGAG  
 AGATGCAGATAAAGTCAACGAAGAGGGTGTTCATAAAGGTAATGACAACATAGAGTCAGAAATGGGA  
 GTCGTTGCTGGAATTTCTTTGGAGTTGCTTTCAGCTAATTGGAATCTTCTCGCCTACTGCCTCT  
 CTCGTGCCATAACGAATAATCAGTATGAGATAGTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR207100 representing NM\_001100672  
 Red=Cloning site Green=Tags(s)

MASPSRRLQTKPVITCFKSVLLIYTFIFWITGVILLAVGIWGVSLNENYFLLNEKATNVPFVLIGTGTV  
 IILLGTFGCFATCRASAWMLKLYAMFLTLIFLVELVAAIVGFVFRHEIKNSFKSNYENALKEYNSTRDYR  
 SEAVDKIQSTLHCCGVNTYRDWKGNTNYYSETGFPKSCCKLEGCPQRDADKVNVEEGCFIKVMTTIESEM  
 VVAGISFGVACFQLIGIFLAYCLSRAITNNQYEIV

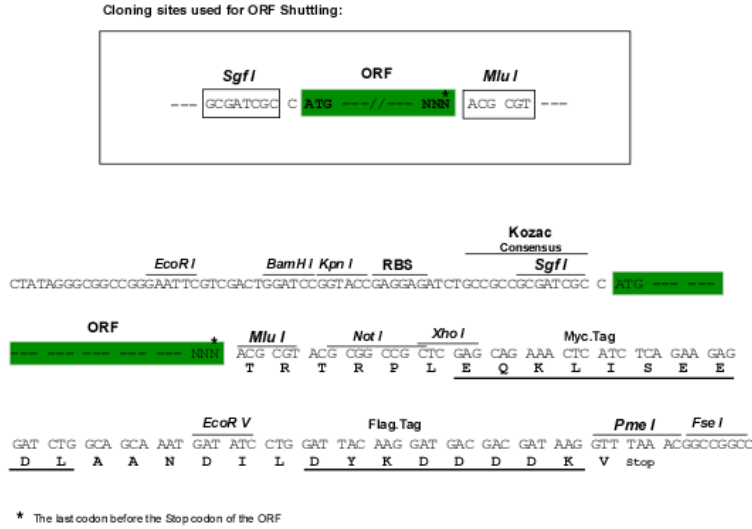
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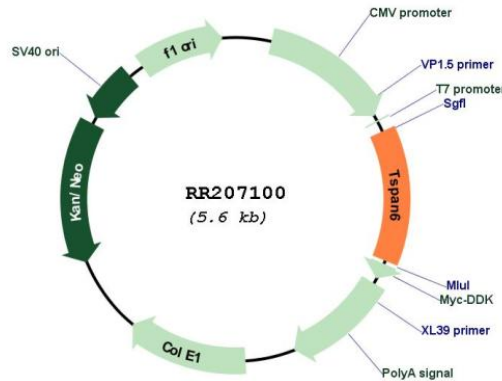
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Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001100672

ORF Size: 735 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.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001100672.1, NP_001094142.1</u>
<b>RefSeq Size:</b>	1639 bp
<b>RefSeq ORF:</b>	738 bp
<b>Locus ID:</b>	302313
<b>Cytogenetics:</b>	Xq32
<b>MW:</b>	27.5 kDa