

## Product datasheet for **MG203045**

### Tspan7 (BC058603) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tspan7 (BC058603) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Tspan7
Synonyms:	A15, PE31, TALLA, Cd231, Mxs1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG203045 representing BC058603 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGACCAAACCTGTGATAACCTGTCTCAAACCCCTCATCATCTACTCCTTCGTCTTCTGGATCA  
CTGGGGTGATCCTGTTGGCCGTTGGAGTCTGGGAAAGCTGACTTTGGGAACCTATATCTCCCTGATTGC  
TGAGAATCCACAATGCTCCCTATGTGCTCATTGGAACCGGCACCACCATCGTGGTTTTGGCCTCTTT  
GGATGCTTTGCTACATGCCGTGGTAGTCCATGGATGCTGAACTGTATGCCATGTTCTGTCCCTGGTGT  
TCCTGGCTGAGCTTGTGCTGGCATTCTGGATTTGTGTTTCGTCATGAGATCAAGGACACCTTCCTGAG  
GACTTACACGGATGCCATGCAGAACTACAATGGCAATGATGAGAGGAGCCGGGCTGTGGACCATGTGCAG  
CGCAGCCTGAGCTGCTGTGGCGTGCAGAACTACACCAACTGGAGCAGCAGCCCTACTTCCTGGACCATG  
GCATCCCCCAGTTGCTGCATGAACGAACTGACTGCAATCCCCTGGATCTGCACAATCTGACTGTGGC  
CGCCACCAAAGTTAATCAGAAGGGCTGTTATGATCTGGTGACCAGTTTTATGGAGACTAACATGGGGATC  
ATTGCTGGAGTGGCATTGGAATTGCGTTCTCCAGTTGATTGGCATGCTGCTGGCTTGTCTGTCTGCC  
GGTTCATCACTGCCAATCAGTATGAGATGGTG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG203045 representing BC058603  
 Red=Cloning site Green=Tags(s)

METKPVITCLKTLLIIYSFVFWITGVILLAVGVWGLTLGTYISLIAENSTNAPYVLIGTGTTIVVFGFL  
 GCFATCRGSPWMLKLYAMFLSLVFLAELVAGISGFVFRHEIKDTFLRITYDAMQNYNGNDERSRAVDHVQ  
 RSLSCCGVQNYTNWSSSPYFLDHGIPPSCCMNETDCNPLDLHNL TVAATKVNQKGCYDLVTSFMETNMG I  
 IAGVAFGIAFSQLIGMLLACCLSRFITANQYEMV

TRTRPLE - GFP Tag - V

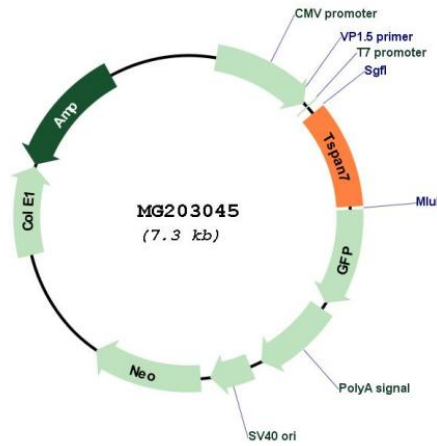
Restriction Sites: Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: BC058603

ORF Size: 734 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	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>	<a href="#">BC058603</a> , <a href="#">AAH58603</a>
<b>RefSeq Size:</b>	1751 bp
<b>RefSeq ORF:</b>	734 bp
<b>Locus ID:</b>	21912
<b>Cytogenetics:</b>	X A1.1
<b>Gene Summary:</b>	May be involved in cell proliferation and cell motility.[UniProtKB/Swiss-Prot Function]