

## Product datasheet for **MG203581**

### Tspan17 (NM\_028841) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tspan17 (NM_028841) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Tspan17
Synonyms:	2210021G21Rik; AI047581; Fbxo23; Tm4sf17
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG203581 representing NM_028841 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCCGCAAGCACCAGCAATTCAGGACCCTGAGGTCGGCTGCTGCGGAAATACTTCTGTGGCT  
TCAACATTGTCTTCTGGGTGCTGGGAGCCCTGTTCTGGCCATTGGCCTCTGGCCTGGGGTGAAGGG  
CGTTCTCTCCAACATCTCGGCGCTGACAGATCTGGGCGGCTTGACCCCGTGGCTGTTGTGGTGGT  
GGGGAGTCATGTCAGTGTGGCTTCGCCGGCTGCATTGGGGCCCTCCGGGAAACACCTTCTGCTCA  
AGTTCTTCTGTGTTCTCGGCTCATCTTCTCCTGGAGCTGGCCGCGGGATCCTGGCCTTCGTCTT  
CAAGGATTGGATCCGAGACCAACTTAATCTCTTCAACAACAATGTCAAAGCCTACCGGATGATCTC  
GACCTTCAGAACCTTATCGACTTGTCTCAGGAATACTGGTCTTGCTGTGGTGCCCGAGGGCCAATGACT  
GGAACCTCAATATCTACTTCAACTGCACTGACTGAACCCAAGCCGTGAGCGCTGTGGGTGCCCTTTTC  
CTGCTGTGTTAGGGACCCAGCGGAAGATGTCCTCAATACCCAGTGTGGCTATGACATCCGACTCAA  
GAGCTCGAGCAGCAGGGCTCCATCTACACCAAAGGCTGTGTGGCCAGTTTGAGAAGTGGCTACAAGACA  
ACCTGATCGTGGTGGCCGGGTCTTGGTGGGATCGCCCTCCAGATATTTGGCCTGCTTGGCCCA  
GAACCTCGTGAGTGACATCAAGCGGTGAAGGCCAACTGG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG203581 representing NM\_028841  
 Red=Cloning site Green=Tags(s)

MPGKHQQFQDPEVGGCCGKYFLFGFNIVFWVLGALFLAIGLWAWGEGVLSNISALTDLGGLDPVWLFVVV  
 GGVMSVLGFAAGCIGALRENTFLKFFSVFLGLIFFLELAAGILAFVFKDWIRDQLNLFINNNVKAYRDDL  
 DLQNLIDFAQEYWSCCGARGPNDWNLNIYFNCTDLNPSRERCVPFSCCVRDPAEDVLTQCQGYDIRLKL  
 ELEQQGSIYTKGCVGQFEKWLQDNLIIVAGVLVGIALLQIFGLCLAQNLVSDIKAVKANW

TRTRPLE - GFP Tag - V

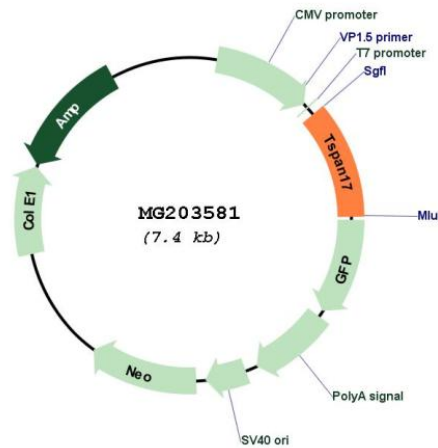
**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shutting:



**Plasmid Map:**



**ACCN:** NM\_028841

**ORF Size:** 810 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="#">NM_028841.3</a> , <a href="#">NP_083117.2</a>
<b>RefSeq Size:</b>	1494 bp
<b>RefSeq ORF:</b>	813 bp
<b>Locus ID:</b>	74257
<b>UniProt ID:</b>	<a href="#">Q9D7W4</a>
<b>Cytogenetics:</b>	13 B1
<b>Gene Summary:</b>	Regulates ADAM10 maturation.[UniProtKB/Swiss-Prot Function]