

## Product datasheet for **MC207518**

### Tspan5 (NM\_019571) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tspan5 (NM_019571) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tspan5
Synonyms:	2810455A09Rik; 4930505M03Rik; NET-4; Tm4sf9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207518 representing NM_019571 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTCCGGGAAGCACTACAAGGGTCTGAAGTCAGTTGTTGCATCAAATACTTCATTTTTGGCTTCAATG  
TCATATTTGGTTTTGGGAATAACGTTTCTTGAATCGGACTGTGGCGTGGAATGAAAAGGTGTCT  
CTCCAACATCTCGTCCATCACCGACCTCGGTGGCTTTGACCCAGTGTGGCTTTTCCTTGTGGTGGGAGGA  
GTGATGTTCACTTGGGGTTTGCAGGGTGCATCGGAGCACTTCGGGAAAACACCTTCTTCTCAAGTTTT  
TTTCTGTGTTCTGGGGATTATTTCTTCTGGAACACTGCTGGGGTGTGGCATTGTTTTCAAAGA  
CTGGATCAAAGACCAGCTGTATTTCTTTATTAACAACAACATCAGAGCCTACAGAGATGACATTGATCTA  
CAGAACCCTCATAGACTTCACCCAGGAATATTGGCAGTGCTGTGGGGCTTTTGGAGCTGATGATTGGAACC  
TAAATATTTACTTCAATTGCACAGATTCCAATGCAAGCCGAGAGCGATGCGGTGTGCCATTTTCTGCTG  
CACTAAAGACCCCGGAAGATGTCATCAACACTCAGTGTGGCTATGATGCCAGGCAGAAACCAGAAGTT  
GACCAACAGATTGTAATCTACACAAAAGGCTGTGTGCCCCAGTTTGAGAAGTGGCTACAGGACAATTTAA  
CCATCGTGGCTGGTATTTTCATAGGCATTGCATTGCTACAGATTTTTGGGATATGCTGGCACAGAATTT  
GGTGAGTGACATTGAAGCTGTCAGGGCTAGCTGGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_019571
Insert Size:	807 bp



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<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_019571.5</a> , <a href="#">NP_062517.1</a>
<b>RefSeq Size:</b>	3168 bp
<b>RefSeq ORF:</b>	807 bp
<b>Locus ID:</b>	56224
<b>UniProt ID:</b>	<a href="#">P62080</a>
<b>Cytogenetics:</b>	3 H1
<b>Gene Summary:</b>	Regulates ADAM10 maturation and trafficking to the cell surface (PubMed:23035126). Promotes ADAM10-mediated cleavage of CD44 (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the functional protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.