

## Product datasheet for **MR212660**

### Toporsl (NM\_026652) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Toporsl (NM_026652) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Toporsl
Synonyms:	4930547C10Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR212660 representing NM\_026652  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGATCGAGCTTTCATCCAAGTGTGAGTGCCTAGCTGTGCGGAAGGTAGTCCGAGTGAAGTCTGACT  
 GGAATTACTCTTCGGAAGAGAGGGGATGGCGCTTCATACTCAAGTTAACTAAGAAATCCACAATCTC  
 TCCCATCATGCAACGCTTCTTTCTCAGTGTGTTCTAATGAACTGGGAGCACTAAACAAGGAAGACTTC  
 ACGTTTCTCGCTCAGAGGAGGAAAGTTCTGTGGACTTCTCAAACACAAAACCTCAGCCAGACATCAA  
 AGAAGACCAGATCATTGAGAGAAGTACTGACTATCCAAGAAGTACTGAGCAAGTTGGAGACAATGAGAGGCT  
 TCCACCCACTCTGTGCTTGGACATTTAGAGACCATGTGGTTGTGAAGTTAGAAGAGCTCTGTAC  
 TATTCTGGGATCTGGTAAAATATGTCCAGGGCTCTGGACTGAAAAGTTCTTTTCAGCTCATTATTTA  
 AAAGAAATCCAAGTAGCCTGCACCGACTGATTCCTGGCTGAAACGAGAAGTACAGCTATCTGTGGAGA  
 CTATGGTTACACAGTGAAGAATATCCTAACTGCCATTCTCCATCACATGACGAAATTTAACTTGAACAGT  
 GAAGCTTTCACCTACTGGAGCCTTATCTCTTCCAATACACCCAGCACTTTCTTCATGAGTTTATCA  
 GTTTTGTGATTCATCTTACAACATGGAGACCTATGACCGCAATGCCATCTATCAGTGTCTGTTTCAAA  
 GAGTTCGAAAAAGAGACCGTTTCAGCTCCAGCCTTTTCTTCCACAGGAGCTCTCCTTCATGAAA  
 TCTCAACGAGGCATAAAGCAGTCCAAGAAGACCTGGAATAAGACTGGGCAGAGCTCTGACTCTGGCTTGA  
 AACAGTTTCTAAGGGTCATTCTCAAAAAATCCCAAATCTCAACAACCCATCAGAAACCAGCAATAA  
 ACGCCATGTTGGACAAAGATGAGTGGGGATCAGATGACTTCAGAGGCGTGGTGTGACTACTAATTCA  
 CTGAATGGGCTTATCTCAGGGCAAGAAGGCTAGACAAAGAGTATTATAGAAATGATAACCGAGAGAAAA  
 AGTCAGAAAGCACAAAAGTGCCTCCTGGCCATGTCCAGGATCTAAAGAGTCATGAAACAAGTCCAAACAT  
 CTTTAGAGCATTGGTAGATTCTAATCAGGCACCCCAAAAAAGTACAATATAAGGGAAACAAATGTTTTG  
 GATCCTGGCCAACAGGTACATTATCAGAAAAAGAAACAGAAAGAAAGAACTTGAAGAATCTTCACTAA  
 AGGCTCTTCAAAGATTGCCAAAGAAAGAATCTTGATAAAAAGCAATCCAGAGAAAGTAATCATTCTTG  
 TCTTTGTGTCTCCGAAATAGCACCTCTCCTACTAGAAATGATAAGATGCTGACTTCTATTAGTAAAAAG  
 ATGGTAAGGTGCAGCCAGTCTCCCAATGTGTAGAAGTTGGTTCACACCACAGTAGAAGAACCCAAAGAC  
 AATACAGTCCCAGGACACCCAGATCCAATCCTGGTGTGTCAGAATTAGAAAGCAATCCATGAGCAGAGG  
 TCAGAGTAATCTCTCTGAGGGAAAGTACAGAAGCAAGCACTGTGACTGTCAAAGGAAGTGTCTCAT  
 GGCTGTGAATCAACCTACAGGTGGCATCTTTGAGCCAGTCCACCATGACCAGGTTTGTAAACAGCTG  
 GAAAGAATTGCAATGTGATCCATGGGTGAAGGTGAATCTCAAAGTGGAGGACATTGTGACAGTCTCTC  
 ATGCTAAAGACTGAGAAATGTCACTCTCCAAGTAAGCTTGGTATGAAGGGGAAGCACCTAGTTGGTAGA  
 GTTACGAGAATCAGAACATAGGGCGAAAAACCCAAATACCAGTGTGTGGGTACACAAACCACAGCAG  
 AATTCAGGGATGACTTGGGGATCTCGAGGATAAAAGCCAAAAAGGCTTTTTGAATTCTCATCTGAATG  
 TGTGACTTCTGCAGAAGG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR212660 representing NM\_026652  
Red=Cloning site Green=Tags(s)

MAIELSSKCEPCSCAEGSPSESDWNYSSGKRGDGASYSRLTKKSTISPIMQRFLSQCCSNELGSTNKEDF  
 TFLASEEESSVDFSQTQNL SQTSKKTRSLRELTIQELLSKFGDNERLPPHSVLSLHFRDHVVVKFRRLY  
 YSGIWWKVVQGSGLKRFFSAHYFKRNPSSLHRLIPWLKRELTACGDYGYTVKNILTALHHMTKFNLS  
 EAFTHLLEPYLFQYTDHFLHEFISFVDSYNMETYDRNAIYQCPVSKSSKKKSTVSAPAFSFPQELSFMK  
 SQRGIKQSKKTWNKTGQSSDGLKQFPGHSSKNPQISTTHQKPAKRHVWTKDEWGSDDFRGVVCTTNS  
 LNWAYLRARRLDKEYRNDNREKKSESTKLPPGHVQDLKSHETSPNIFRALVDSNQAPPKYNIRETNVL  
 DPGQQVHYQKKETERKKLEESSLKALQRLPKERILIKSKSRESNHSCLCVSENSTSPTRNDKMLTISIKK  
 MYRCSQSSQCVEVGSHTSRRTQRQYSPRTPRSKSWCVRIRKQSMSRQSNLSLRESHRSKHCALSKGSAH  
 GCESTYRVASLSPVHHDQVCLTAGKNCKASMGESESQTGGHCDSL SCLKTEKCHSPSKLGMKGKHLVGR  
 VTRIRTHRRKKPKYQCVGTQTAEFRDDLGDLEDKSQKGLNSHPECVTSCRR

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9095\\_h03.zip](https://cdn.origene.com/chromatograms/mm9095_h03.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



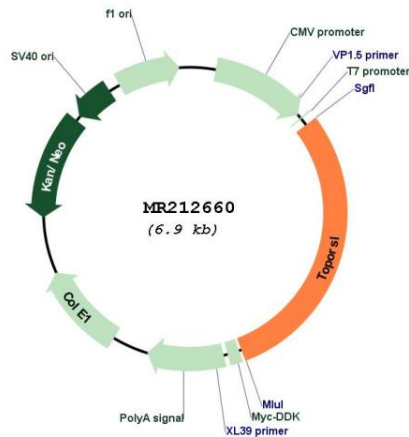
**ACCN:** NM\_026652

**ORF Size:** 2049 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><a href="#">NM_026652.3</a></u>
<b>RefSeq Size:</b>	2401 bp
<b>RefSeq ORF:</b>	2052 bp
<b>Locus ID:</b>	68274
<b>Cytogenetics:</b>	4 B2
<b>MW:</b>	77.9 kDa

**Product images:**


Circular map for MR212660