

## Product datasheet for **MC221724**

### **Tsr1 (NM\_177325) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tsr1 (NM_177325) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tsr1
Synonyms:	AU040765; AW550801; mKIAA1401
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC221724 representing NM\_177325  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGGCTCACCGCTCCGGGCCGTGAAGCAGCAGAATAAAGCTCATAAAGCGGGCGGCATCACGGC  
 GTGGTCCGCACAAACGGACAGCAAAGGCCGGTAGGACCGAAAACTCTGCAAGAAGCTGAAGAGGCA  
 GCTCAGCCGAATAGACCAGAGGCATCGCCAGCCAGCTCCGAAAAGCAAAAGAGGGAGTCGGTTCTGGCC  
 GAGAAGAGGCAGCTGGCAGCAAGGATGGTCTCCACATCAGGTGCTGGTGGTGCCTCTGCACAGCAGGA  
 TTTCCCTTCCAGAGGCATTTAACTGCTTCAGAATGAAGACTTGGGAACGGTGTATTTGAGTGAACGGGG  
 AAGCACCCAGAGTTTTATGCTTCTGTGCCCTAGCTTGAACATCGATGGTTTTTTCACATATGCAAGACCA  
 GGGGATCTGCATACTCTGTTAGACATGGCTAAAGTCGCTGATACCATTCTGTTCTCTGGACCCACTAG  
 AAGGCTGGGACAGTACGGGGGATTATTGCCTGTCTTGCCTTTTGGCTCAGGGCCTTCCCACCTATACACT  
 AGCTGTCCAGGGCCTTTCTGGCTTCCACCAAAGAAACAATAAGATGCCGAAAGAAGCTAAGTAAATG  
 GTGGAGAAAACGCTTCCCTGAAGCAAACTTCTGCTCCTAGACACGCAGCAGGAATCAGGAATGCTACTTA  
 GACAGTTGGCTAACCAAGCAACCGCATCTTGCTTTTCGGGATCGGCGAGCTTACTTGTGGCCATGT  
 TGCTGACTTCGTGCCTAGTGAGGAGAGTGACTTAGTGGGCACCTTGAAAACTCAGGCTATGTTCTGGG  
 AGGACTCTGAATGTAATAGCTTGTGCATATCGTTGGACACGGTGATTTCCAAATGAATCAAAATAGATG  
 CTCCTGTGGATCCGTTCCCTTTAAATCCTAGAGTGATTAATCCCAGAAGAAACCAACATGGCAATGGA  
 GTTTTGTGTTACAGATGCTGCTCCTGACATGGAAGAAGACCTAAGGTTCTGATGAAGGCAGACCCTGAT  
 CACCAGGAGTCTTTACAAACAGAGGCTATTCCAGATCCTATGGAAGGAGAGCAGACCTGGCCCACTGAGG  
 AAGAGCTGGATGAGGCAGATGACTTACTGAAGCAACGGTCCAGAGTGGTAAAGAAGGTCCCTAAAGGAAC  
 ATCCAGTTACCAGGCTGAGTGGATTCTGGATGAAGGTGATGAAAAGTATGGGGAAGGTGGTGAATATGAT  
 GATATACAACACGAAGGTTTCATGGAAGAGGAGTCTCAGGATGGGAGTGGTGAGGAAGAGGAGGAAGAAT  
 GTGAAACTATGACTCTCGGGGAGTCTGTGCGTGACGATCTATACGATGAGAAAAGTATGACAGAGGACGA  
 GGAGAGAATGTTGGAGAAATATAAAACAAGAAAGACTGGAAGAAATGTTTCCAGATGAAATGGATACCCCC  
 CGTGATGTAGCTGCTAGAATTCGATTTCCAGAAATATAGAGGCCTCAAGAGTTTCCGGACATCTCCTTGGG  
 ATCCTAAAGAAAACCTTCTAGAGATTATGCTCGGATATTTCAAGTTTCCAGATTTTGTAACTAGAAA  
 AAGAATTTTTAAAGAGATTGAGGAAAAAGAAGCTGAAGGAGCTGAGGTGGGCTGGTATGTCACACTCCAT  
 GTTTCTGATGTCCCTGTCTCAGTGGTTGAGTATTTCAAGCAAGGAGCGCCCTTGATTGCATTTTCTTTGC  
 TACCTTATGAACAGAAGATGTCTGATTGAACATGGTGGTGGAGCCGGAACCTGGCAACACGGAACCTGT  
 GAAGGCGAAAGAAGAATTGATCTTCCACTGTGGGTTTCAGGCGCTTCCGAGCTTCGCTTTGTTCTCTCAG  
 CACACAGCAGCTGATAAACATAAATTTCAAAGATTCTGACTGCTGATGCTGCCTTCGTGGTGACAGTGT  
 TTGCGCCAATCACGTTCCCTCCTGCATCTGTGCTGCTTTTCAAGCAGAGAAGAAATGGAATGCACAGCCT  
 CATCGCTACAGGCCATCTGTTTTAGTGGACCCAGACAGGATGGTCATAAAGAGAGTGGTTCTAAGTGGT  
 CATCCTTTTAAATATTTACCAAGATGGCAGTAGTGGGTACATGTTCTTCAACAGAGAGGATGTGATGT  
 GGTAAAGCCTGTGGAAGTGAACAAGTGGGCGCCCGGGGACATATCAAAGACCTCTAGGTACCCA  
 TGGCCATATGAAGTGCAGTTTTGATGGGAAGCTGAAATCTCAGGACACAGTATTAATGAATCTCTATAAG  
 CGAGTATTTCCCAAGTGGACTTATGACCCATATGTACCAGAGCCAGTACCTTGGGTTAAAAGTGACATCT  
 CTCAACAGTGTCTGAAGTAGACATGGAG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_177325  
**Insert Size:** 2412 bp

<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_177325.3</a> , <a href="#">NP_796299.2</a>
<b>RefSeq Size:</b>	3395 bp
<b>RefSeq ORF:</b>	2412 bp
<b>Locus ID:</b>	104662
<b>UniProt ID:</b>	<a href="#">Q5SWD9</a>
<b>Cytogenetics:</b>	11 B5
<b>Gene Summary:</b>	Required during maturation of the 40S ribosomal subunit in the nucleolus.[UniProtKB/Swiss-Prot Function]