

## Product datasheet for **RN203988**

### Tacr1 (NM\_012667) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tacr1 (NM_012667) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tacr1
Synonyms:	Tac1r
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203988 representing NM_012667 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGATAACGTCCTTCTATGGACTCTGATCTCTTCCCAACATCTCCACCAACACCTCTGAGTCTAAC  
AGTTTCGTGCAGCCTACCTGGCAAATCGTCTTTGGGCGGCTGCCTACACGGTCATCGTGGTACTCCGT  
GGTGGCAACGTAGTGGTGATATGGATCATTTTGGCCACAAGAGAATGAGGACAGTGACCAATTATTT  
CTGGTGAACCTGGCCTTCGCTGAGGCCTGCATGGCTGCATTCAATACGGTGGTGAACCTCACCTACGCAG  
TCCACAATGTGTGGTACTACGGCCTCTTCTATTGCAAGTTTCACTTCTTCCCATCGCTGCTCTCTT  
CGCCAGTATCTACTCCATGACAGCCGTGGCCTTCGACAGATACATGGCCATCATCCACCCTCTCCAGCCC  
CGGCTCTCAGCCACGGCTACCAAGTGGTCATCTTTGTCATCTGGGTCTGGCTCTCTGCTGGCCTTTT  
CACAAGGCTACTACTCCACCACAGAGACCATGCCAGCAGAGTCGTGTGCATGATCGAGTGGCCGGAGCA  
TCCCAACAGGACTATGAGAAAGCGTACCACATCTGCGTGACTGTACTGATCTACTTCTGCCTCTACTG  
GTGATCGGCTACGCGTACACTGTGGTGGGATTACACTGTGGCCAGTGAGATCCCCGGCGACTCCTCTG  
ACCGCTACCATGAGCAAGTCTCTGCCAAACGCAAGGTGGTCAAAATGATGATCGTGGTGTGTGTACCTT  
CGCCATCTGCTGGCTGCCCTTCCAGTCTTCTTCTCTGCCCTACATCAACCCAGATCTCTACCTGAAG  
AAGTTCATCCAGCAGGTCTACCTGGCCAGCATGTGGCTGGCCATGAGTTCTACCATGTACAACCCCATCA  
TCTACTGTTGCCCAACGACAGGTTCCGTCTGGGCTTCAAGCACGCTTCCGCTGCTGCCCTTTCATCAG  
TGCAGGTGATTATGAGGGCTGGAATGAAATCCACCCGATACCTCCAGACACAGAGCAGCGTGTACAAG  
GTCAGCCGCTGGAGACCACCATCTCCACTGTGGTGGGAGCCCATGAAGAGGAGCCCGAGGAAGGCCCA  
AGGCCACACCCTCATCTTGGATCTCACCTCCAACGGCTCCTCTCGCAGCAACTCCAAGACCATGACAGA  
AAGCTCCAGTCTACTCTAACATGCTGGCT**AG**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA



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<b>Chromatograms:</b>	<a href="https://cdn.origene.com/chromatograms/ja1551_g07.zip">https://cdn.origene.com/chromatograms/ja1551_g07.zip</a>
<b>Restriction Sites:</b>	Sgfl-RsrII
<b>ACCN:</b>	NM_012667
<b>Insert Size:</b>	1224 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_012667.2</a> , <a href="#">NP_036799.1</a>
<b>RefSeq Size:</b>	3408 bp
<b>RefSeq ORF:</b>	1224 bp
<b>Locus ID:</b>	24807
<b>UniProt ID:</b>	<a href="#">P14600</a>
<b>Cytogenetics:</b>	4q34
<b>Gene Summary:</b>	mediates neuropeptide signaling; may play a role in pain sensitivity; may mediate baroreflex transmission for blood pressure regulation [RGD, Feb 2006]