

## Product datasheet for RN207951

### Tpra1 (NM\_053534) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tpra1 (NM_053534) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tpra1
Synonyms:	Gpr175; Tpra40
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207951 representing NM_053534 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCAGCCTGCAGGAGGCCAATGGAAGCACAGCGTGGCCACCGCCACAGCATCCAATATCAGTGAGC  
CCCACCACTGCCTGCTGCTGCTATATGAGGATATTGGCTCCTCCAGGGTCCGGTACTGGGACCTCCTGCT  
GCTCATTCCCAATGTGCTCTTCTTCATCTTCTGCTCTGGAAGCTTCCCTTAGCTCGGGCAAGATCCGT  
GTCACCTCCAGCCCCATTTTATCACCTTCTACATCCTGGTGTGGTGGTAGCCCTGGTAGGCATTGCCA  
GGGCTGTGGTTTCTATGACAGTCAGCGCCTCTGATGCTGCGACAGTTGCTGACAAGATCCTGTGGGAGAT  
CACCCGCTTCTTCTGCTGGCCATTGAGCTGAGTGTGATCATCCTGGGTCTTGCCTTTGGTCACCTAGAG  
AGCAAGTCCAGCATCAAGCGGGTCTGGCTATCACCACAGTATTGTCTCTGGCCTACTCAGTCAACCAGG  
GGACCTTGAGATCCTGTACCCTGACTCCCATCTTTCAGCTGAGGATTTCAACATCTATGGCCATGGTGG  
CCGGCAGTTCTGGCTCGTCAGCTCTTGTCTTTTCTTCTGGTCTACTCACTGGTGGTAATTCTCCCCAAG  
ACCCCACTGAAGGAGCGTGTATCCCTGCCCTCACGGAGGAGTTTCTACGTGTATGCAGGCATCCTGGCCA  
CACTCAACCTGCTGCAGGGTTTGGGGAGTGTCTGCTCTGCGTAACATCATTGTGGGCTCTGCTGTGT  
AGATGCCACCACCTTCTGTACTTCAGCTTCTTTCACCACTCATCTATGTGGCCTTCTCCGTGGCTTC  
TTTGGCTCTGAACCAAGATCCTTTTCTTTACAATGCCAAGTGGACGAGGCTGAAGAGCCGGCATGC  
ACCTGCCGAGCCCTACGCTGTGGCCCGCGCGAGGGCATAGAGTCTGCAGGACCTGCCTGCGCCTCTGC  
CGCAACTACTCCAGCACACAGTTTGACTCTGCTGGGGTGGCCTACTTAGATGACATTGCCTCCATGCC  
TGCCACACGGGCAGCATCAACAGCACAGACAGCGAGCGCTGAAAAGCCATCAATGCC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: [https://cdn.origene.com/chromatograms/ja1883\\_h08.zip](https://cdn.origene.com/chromatograms/ja1883_h08.zip)



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_053534
<b>Insert Size:</b>	1110 bp
<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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></p>
<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_053534.1</a> , <a href="#">NP_445986.1</a>
<b>RefSeq Size:</b>	1627 bp
<b>RefSeq ORF:</b>	1110 bp
<b>Locus ID:</b>	85494
<b>Cytogenetics:</b>	4q34
<b>Gene Summary:</b>	an orphan receptor; expression is downregulated by ischemic hypoxia and reoxygenation [RGD, Feb 2006]