

## Product datasheet for MC213247

### Prokr2 (NM\_144944) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Prokr2 (NM_144944) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prokr2
Synonyms:	B830005M06Rik; EG-VEGRF2; Gpcr73l1; Gpr73l1; PKR2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC213247 representing NM_144944 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGGACCCAGAACAGAAACACTAGCTTTGCACCAGACTTGAATCCACCCCAAGACCATGTCTCCTTAA  
ACTACAGTTATGGTGATTATGACCTCCCCCTGGGTGAGGATGAGGATGTGACCAAGACACAGACCTTCTT  
TGCAGCCAAAATTGTCATTGGCGTGGCACTGGCAGGCATCATGCTGGTCTGCGGCATTGGCAACTTTGTC  
TTCATTGCTGCCCTCGCCGCTACAAGAAGCTGCGCAACCTTACCAACCTCCTCATTGCTAACCTGGCCA  
TCTCTGACTTCTGGTGGCGATCGTCTGCTGCCCTTTGAGATGGACTATTATGTAGTACGGCAGCTTTC  
CTGGGCGCATGGTCACGTGCTTTGTGCCTCCGTCAACTACCTTCGTACGGTCTCCCTGTACGTCTCCACC  
AACGCTCTGCTGGCCATCGCTATTGACAGATACCTCGCTATTGTCCACCCCTTTGAAACCACGGATGAATT  
ATCAGACCCGCTTCTTCTGATCGCTTTGGTCTGGATGGTCTCCATCCTCATCGCTGTCCCATCTGCCTA  
CTTCACCACAGAAACCATCCTCGTTATCGTCAAGAATCAAGAAAAATCTTCTGTGGTCAGATCTGGTGC  
GTGGACCAGCAGCTCTACTACAAATCCTACTTCTTCTCGTCTTCGGGCTGAGTTCTGGTGGTCCCGTGG  
TCACTATGACCTGTGCTATGCCAGGATCCCCAAGAGCTCTGGTTCAAGGCTGTACCTGGCTTCCAGAC  
GGAGCAAATCCGCAAGCGGTGCGTTGCCGCCAAGACAGTGTACTGCTCATGGGCATCCTCACAGCC  
TACGTGCTGTGCTGGGCGCGTTCTATGGCTTTACCATAGTGGAGACTTCTTCCCACGGTAGTTGTGA  
AGGAGAAGCACTACCTCACCGCCTTCTACGTCTGGAGTGCATTGCCATGAGCAACAGCATGATCAATAC  
TATATGCTTCGTGACGGTCAAGAACAACACCATGAAATACTTCAAGAAGATGCTGCGGCTCCACTGGCGG  
CCCTCTACTACGGGAGTAAGTCCAGCGCTGACCTCGACCTCAAACCAGCGGGGTGCCTGCCACTGAAG  
AGGTGGATTGTATCAGACTAAAGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_144944
<b>Insert Size:</b>	1146 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_144944.3</a> , <a href="#">NP_659193.3</a>
<b>RefSeq Size:</b>	4533 bp
<b>RefSeq ORF:</b>	1146 bp
<b>Locus ID:</b>	246313
<b>UniProt ID:</b>	<a href="#">Q8K458</a>
<b>Cytogenetics:</b>	2 F2
<b>Gene Summary:</b>	Receptor for prokineticin 2. Exclusively coupled to the G(q) subclass of heteromeric G proteins. Activation leads to mobilization of calcium, stimulation of phosphoinositide turnover and activation of p44/p42 mitogen-activated protein kinase (By similarity). [UniProtKB/Swiss-Prot Function]