

## Product datasheet for RR215125

### Gpr26 (NM\_138841) Rat Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: Gpr26 (NM\_138841) Rat Tagged ORF Clone  
Tag: Myc-DDK  
Symbol: Gpr26  
Vector: pCMV6-Entry (PS100001)  
E. coli Selection: Kanamycin (25 ug/mL)  
Cell Selection: Neomycin  
ORF Nucleotide Sequence: >RR215125 representing NM\_138841  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGAACTCGTGGGACGCGGGCTGGCGGGGCTGCTGGTGGGCACAATCGGCGTGTGCTGCTGTCCAACG  
GGCTGGTGTGCTCTGCCTCTGCACAGCGTGACATCCGCCCGCCAGGCGCGGCGCTCTCACTCTCAA  
CCTCACGTGTGGCAACCTGCTGTGTACCGTGGTCAACATGCCACTAACACTGGCCGGCGTGTGGCACAA  
CGGCAGCCGCGCCGGGACCGCCTGTGCCCGCTGGCCGCTTCTCGACACCTTTCTGGCCGCAACTCCA  
TGCTCAGTATGGCCGCGCTCAGCATCGACCGCTGGGTGGCTGTGGTCTTCCCGCTGAGCTACCGTGCCAA  
GATGCGCCTCCGAGATGCCGCTTTCATGGTGGCTACACGTGGCTGCACGCGCTCACCTTCCCGGCCACC  
GCGCTCGCCCTGTCTGGCTCGGCTTCCACCAGCTGTATGCCTCGTGCACGCTGTGCAGCCGGCGGCCG  
ACGAGCGCTGCGCTTTGCTGTCTTACCAGCGCCTTCCATGCGCTTAGCTTCTGCTCTCCTTCATCGT  
GCTCTGCTTACGTACCTCAAGGTGCTCAAGGTGGCCGTTTCCACTGCAAGCGCATCGACGTGATCACC  
ATGCAGACGCTCGTGTGTTAGTGGACATCCATCCCAGTGTGAGGAACGATGTCTGGAGGAACAGAAGC  
GGAGGCGCAGCGTGCCACCAAGAAGATCAGCACCTTTCATAGGGACCTTCTCGTGTGCTTTGCACCCTA  
TGTGATTACCAGGCTGGTGAACCTTCTCCACAGCACCCATTGACTCACACTGGGGTGTGCTGTCCAAG  
TGCTTGGCCTACAGCAAGGCTGTTCTGACCCCTTCGTGTACTCCTTGTGCGACACCAGTACCGCAGGA  
GCTGCAAGGAGCTTCTGAACAGGATCTTCAACAGACGCTCCATCACTCTGTGGGCTCAGAGGTGACTC  
TCACAGCCAGAACATTCTGCCAGTGTCCGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR215125 representing NM\_138841  
Red=Cloning site Green=Tags(s)

MNSWDAGLAGLLVGTIGVSLLSNGLVLLCLLHSDIRRQAPALFTLNLTCGNLLCTVVNMPYLAGVVAQ  
 RQPAGDRLCRLAAFLLDTFLAANSMLMAALSIDRWVAVVFPLSYRAKMLRDAAFMVAYTWLHALTFPAT  
 ALALSWLGFHQLYASCTLCSRPPDERLRFVFTSAFHALSFLLSFIVLCFTYLVKLVKVARFHCKRIDVIT  
 MQTLVLLVDIHPVSRERCLLEEQRKRQRATKKISTFIFGLVCFAPYVITRLVELFSTAPIDSHWGLSK  
 CLAYSKAASDPFVYSLLRHQYRRSCKELNRIFNRRSIHVSGLTGDSHSQNILPVSE

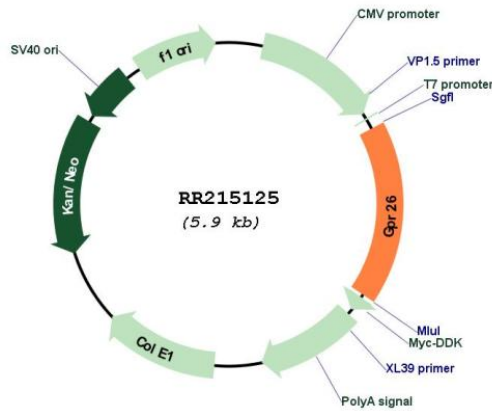
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_138841

<b>ORF Size:</b>	1011 bp
<b>OTI Disclaimer:</b>	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>
<b>OTI Annotation:</b>	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>	<a href="#">NM_138841.1</a> , <a href="#">NP_620196.1</a>
<b>RefSeq Size:</b>	1172 bp
<b>RefSeq ORF:</b>	1014 bp
<b>Locus ID:</b>	192153
<b>UniProt ID:</b>	<a href="#">Q9QXI3</a>
<b>Cytogenetics:</b>	1q41
<b>MW:</b>	37.8 kDa
<b>Gene Summary:</b>	orphan G protein-coupled receptor that may be involved in regulating cell growth and shape [RGD, Feb 2006]