

## Product datasheet for MR218625

### Gpr34 (NM\_011823) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Gpr34 (NM\_011823) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Gpr34  
**Synonyms:** Lypsr1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR218625 representing NM\_011823  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGACTACTACTTCAGTTGACAGCTGGCTTTGCTCCTCATGGAATGCACTTTATAACTAATTATAGTG  
ACCAAGCCTCACAAAATTTCTCAGGAGTGCCAAATGCTACTAGCTGTCCAATGGATGAAAAATTACTATC  
TACTGTGTTAACAACTTCTACTCTGTTATATTCCTCGTGGGACTGGTTGGAAACATCATTGCCCTCTAT  
GTATTTCTGGGCATTACCGTAAAAGAAATTCATTCAAATTTATCTACTTAATGTGGCTGTTGCAGACC  
TTCTACTCATCTTCTGCCTCCCTTCCGCATAATGTATCACATCAACCAAAACAAGTGGACTAGGTGT  
GATTCTTTGTAAAGTTGTGGGGACTATTTTACATGAACATGTACATTAGCATTATTTTGTGGGTTT  
ATCAGTTTGGATCGCTATATAAAATCAATCGGTCTATAACAAGAAGGGCAATAACCAAGCAAA  
GTATTTATGTTTGTGTAGTATGGACGGTGTCTTGTCTGGATTTCTAACTATGATCATTGACACT  
GAAGAAGGGAGGTATAATCCACAATGTGTTCCATTACAGAGACAGACATAATGCAAAGGGAGAAGCA  
ATTTTTAACTTTGTTCTGTAGTAATGTCTGGCTATTTTCTACTGATAATCCTCTCATATATTAAGA  
TTGGCAAGAATCTACTGAGGATTTCTAACGGAGGTCAAATTTCAAACCTCTGGCAAATATGCTACAAC  
AGCCCGAACTCCTTTATTGACTGATCATTTTTACTATATGCTTTGTGCCTTACCATGCCTTTTCGGTTC  
ATTTACATTTCTCACAGCTAAATGTGCTCTTGTATTGGAAGGAAATCATTACAAAACACGAGA  
TCATGCTGGTTTTCTCCTTTTCAACAGTTGCCTGGATCCTGTATGATTTTCTGATGTCCAGTAATAT  
TCGCAAAATCATGTGCAACTTCTTTTTAGAAGTTTTCAAAGTGAAGCAAGCAGAAGTGAAGCACTTCA  
GAATTTAAGCCAGGACATTCTTGCATGATCTGTCCGTGACAGTCAAATGCCCCAGTACAGCACTAAGG  
GTAAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR218625 representing NM\_011823  
Red=Cloning site Green=Tags(s)

MTTTSVDSWLCCSSHGMEFITNYSQASQNFSGVNPVNTSCPMDEKLLSTVLTFYSVIFLVGLVGNIALY  
VFLGIHRKRNSIQIYLLNVAADLLLIFCLPFRIMYHINQNKWTLGVILCKVVGTLFYMMYISIIILLGF  
ISLDRIYKINRSIQORRAITTKQSIYVCCIVWTVAGFLTMIILTLKKGHNSTMCFHYDRHNAKGEA  
IFNFVLVVMFWLIFLLIILSYIKIGKNLLRISKRRSKFPNSGKYATTARNSFIVLIIFTICFVPHYAFRF  
IYISSQLNVSSCYWKEIIHKTNEMLVFSSFNCLDPVMYFLMSSNIRKIMCQLLFRRFQSEASRSESTS  
EFKPGHSLHDLSTVKMPQYSTKGN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja1900\\_e04.zip](https://cdn.origene.com/chromatograms/ja1900_e04.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



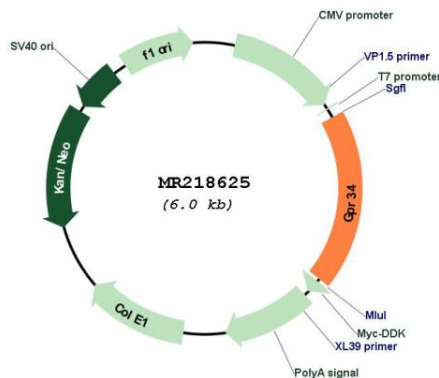
**ACCN:** NM\_011823

**ORF Size:** 1125 bp

**OTI Disclaimer:** 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 [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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. [More info](#)

<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_011823.4</a> , <a href="#">NP_035953.3</a>
<b>RefSeq Size:</b>	1898 bp
<b>RefSeq ORF:</b>	1128 bp
<b>Locus ID:</b>	23890
<b>UniProt ID:</b>	<a href="#">Q9R1K6</a>
<b>Cytogenetics:</b>	X A1.1
<b>MW:</b>	43.6 kDa
<b>Gene Summary:</b>	Orphan receptor.[UniProtKB/Swiss-Prot Function]

**Product images:**


Circular map for MR218625