

Product datasheet for **MC201496**

Gpr162 (NM_013533) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpr162 (NM_013533) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gpr162
Synonyms:	A-2; BC031437; Grca
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC031437 sequence for NM_013533
 CAAGACTGGTCAGCGGCTCCCTAACCCCGGGCTCGCAGGCTGATGACCCTGGGAGACAGGGGCTCGAGG
 GGCCGCAAAGTAGCGCGCCGCGGGCTGAGCCCGAGAGGCCAGGCTGGGGGGAGGGAGGCCCGGAGGGAGG
 GAGTGAAGGAAGGAGGAGGGCTGGCGAGCTGGAGCCGGCAGGCGGGGAGCCCGGGGAGCCTCGTCGG
 GAGTGCCTCTCCTCGGCAGAGCAGGACGCAGCCAGAGCTTGTCCAGGTGACTGAGCTCCACCCCTGTGCA
 CCAAGACACCCACCCACCCCACTGGTCAAGCCTCGCTGGAGAAGAGACCGGGAAGTCCCAGCATGA
 GAATCAGAGCTGCCACGCCAGCTTCATAGATGGGGAAGCAGCCTGCTTGCCTCCCCATCAATTACAGGG
 ATAAGTGAAGAAAAGCCCAACCAATATGGAGGCTGAGGACTACCGCCTCTATTAATTCCCTGCCTTCTC
 CCCTGCCCTGCCACCTGGCCTTAGCTGGGTCACTCATGCAATGCTGAGAAGTAAGCAAGACTTGGGGT
 AGCTTGCCTGGCTACCAGGCAAGGACTGTGGGCATCATGGGGTGTGTGTGAGCGGGGCTCCAGGGTGA
 ACCTAGCCCCCGCCCCAGGAATTAAGGGGGTGGGGTGGGGCCGAGGATAGAATGGCTCGGGAGGGT
 TGGGGGCAGAAGAGCCCTCCCTACGCTCAAACGCATTGTCTGGCTGGCCTGTGGCTCCTGGCCCTGT
 GGCCAACGCTTGGATCATCCTTAGCATCTCAGCCAAACAGCAGAAACACAAGCCACTGGAGTTACTGCTC
 TGCTTCTGGCCGTTACTCATATACTCATGGCGCTGTGCCCTTACCACCTTTGCTGTGGTGCAGCTCC
 GGGCCAGGCTTCTCTGACTATGACTGGAACGAGAGCATCTGCAAGGTCTTTGTGTCCACTACTACAC
 GCTGGCCCTGGCCACCTGCTTACGGTTCGCTCCTACCATCGCATGTGGATGGTGGATGGCC
 GTTAAGTACCGCCTCAGCAACGCCAAGAAGCAGGCGCTGCATGCCGTGATGGGCATCTGGATGGTACG
 TCATCCTCTCCACGCTGCCCTCCATCGGCTGGCACAACAACGGGGAGCGCTACTATGCCGAGGCTGCCA
 GTTCATAGTCTCCAAGATCGGCCCGGTTTTGGTGTCTGCTTACGCTCCTGCTTCTTGGGGCATTGT
 ATGGGGTGGTCTGTGTGGCTATCACATTCTATCAGACTGTGGGCCCGGGCCCGGAGGGCTCGGCAGG
 CCCGGAGAGCGGGGGCAGTGTGGGCACCAAGCAGGGGGGCTGGGGGGTGGGTACCCGGCCAGCTTT
 TGAGTGGCCAGCATTGTGGTGGAGTACTCGAGGGAAGCGCGGTCTCGCTGGATGGCTCTGAATCT
 GCCAAGACATCCTTGCAGTACCAACTTGGTCAGCGCCATCGTCTTCTCTATGACTACTCACGGGGG
 TGCCCATTTTGGTGGTGAAGCTTCTCTCCTTGAAGTCAAGTCAAGTCAAGTCAAGTCAAGTGGTGGT
 GCTGTGGTGTCCATGGCACAGACTGCTCCTGCCCTCCTCATCTGGTCTGTGAGCGTACCGTGCA
 GATGTGCGCACAGTGTGGGAGCAGTGTGTGGCATCATGTCCGAGGATGACGGTATGACGATGGCACCT
 GTGACGACTACACAGATGGCCGAGTGTGCAAAATTCGCTTTGATGCTAACGGGGCCACAGGGTCAAGGAG
 TCGGGACCCACCCAGGTGAAGTGTGCTGCTGGCGGCACATGCTTCCACCGCTGGAGAGATACAC
 TACTTACAGGTCCCTTTGTCCCGACGATTATCCCACGATGAGACCAACATCTTTTCTACTCCTCGGGC
 CAGGCTCCTTCTGCACAAGTGGTCTCATCGGATGATATCCGGATCCTCCAGCCAGAGCCGAGCCCT
 CGGAGGCCCTCCAGAATACCTGGGACAGAGACACAGGCTGGAGGATGAGGAGGATGAGGAAGAGGCTGAA
 GGCGGGGCTTGGCCAGCCTTCGACAGTTCTAGAAAAGTGGGGTCTGGGGTCCGGTGGGGACCCAC
 GAGGTCCCGGTTTTTCCGGGAGGAGATACCACCTTCATCGATGAGACACCTCTGCCTTCTCAACTGC
 GTCACCAGGACCCTCTCCTCGTAGGCCTAGACCACTGGGTTTTTACCTCGACGGCTCTCCCTTGGGTCT
 CCGGATAGCCGAGCCGTTGGACTTCTTTGGGGTAAAGTGCAGGAAGACGCTGTTCCCTGACCCGGAGCG
 AAGGGAGTTCAAGGGCTTGGGAAGACCCTGGGGCCAGGTAACCCCATCTTCCCCAGTTGACCCTGTG
 AGGCCGCATAGCCCTGCTTCACTGGAGGGGGGGGGAGGCACGAGCGAGTGAATGCTCATCTGGCC
 CTGAGTCTATGGCAGCTGCCTCCAGGAGATGGGGGGGGGGGGCTACATCCGGCTCTAGAGCCCCAG
 CTCTCTCCATCCAAGTGACCAGATACCAACGCACCCGCTTTCACCCCTAGCAAATGTATTAAGGC
 TGAGCTGCCGTGGAAGAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_013533
Insert Size: 1767 bp
OTI Disclaimer: 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).

Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	<u>BC031437</u> , <u>AAH31437</u>
RefSeq Size:	2695 bp
RefSeq ORF:	1767 bp
Locus ID:	14788
UniProt ID:	<u>Q3UN16</u>
Cytogenetics:	6 59.17 cM
Gene Summary:	Orphan receptor.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.