

Product datasheet for **MC218234**

Rrh (BC046288) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rrh (BC046288) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rrh
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC046288 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCTGAGTGAGGCTTCGGATTTTAACAGCTCGGGCTCTAGGAGCGAAGGTTCTGTCTTTCAAGGACTG
AGCACAGCGTCATAGCGGCTTACCTGATTGTGGCAGGTATCACGAGCATTCTCAGCAACGTAGTAGTCCT
GGGTATCTTCATCAAGTACAAGGAGCTGCGGACACCCACCAATGCAGTGATTATCAACCTGGCTTTCAGC
GATATAGGGGTCAGTAGCATCGGCTATCCCATGCTGCGGCTTCAGATCTGCATGGAAGTTGAAATTTG
GACATGCAGGCTGTCAGTTCAGGGAAGAAACGACAGGCAGGTGACTGGTGCCTGTATACATGTCTTGT
ACCGCATGTATGCAATGCTGGTGGAGCCAAGAGGAGGGCAGTGGATCTCCTAAAGCTGACTCTACAGATG
GATATTTATGCAGGACTGAATATCTTCTTTGGGATGGTGAAGCATTGGCTTACTCACGTTGTAGCTATGG
ATCGGTACCTGACCATCAGTTGCCCTGATGTAGGACGAAGAATGACCACCAACACTTACCTCAGCATGAT
CCTGGGCGCCTGGATCAATGGCCTGTTTTGGGCTTTGATGCCCATCATAGGGTGGGCTAGTTATGCCCCG
GATCCTACAGGGGCCACGTGTACCATAAAGTGGCGGAATAATGATACCTCGTTCGTGCTTACACCATGA
TGGTTATCGTGGTGAATTCATTGTGCCCTTGACAGTGATGTTTTACTGTTACTACCACGTCAGTCGGTC
CCTGAGACTCTACGCCGCTAGTGACTGCACTGCACACCTCCACAGAGACTGGGCAGACCAGGCAGATGTA
ACAAAGATGTCTGTGATAATGATACTGATGTTTCTGCTGGCATGGTCCCCTTATTCATCGTGTGCTTGT
GGGCTTGTGTTTGGAAACCCCAAAAGATTCTCCTTCAATGGCTATCATAGCTCCACTGTTTGCAAATC
CTCTACGTTCTACAACCCTGTATTTACGTGGCTGCGCATAAGAAGTTTCGGAAGGCCATGTTGGCCATG
TTTAAATGCCAACCTCACCTAGCAGTGCCTGAGCCAAGTACTCTACCAATGGATATGCCTCAGAGCTCAT
TGGCTCCTGTGAGGATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	BC046288
Insert Size:	1140 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC046288</u> , <u>AAH46288</u>
RefSeq Size:	1533 bp
RefSeq ORF:	1139 bp
Locus ID:	20132
Cytogenetics:	3 59.09 cM
Gene Summary:	May play a role in rpe physiology either by detecting light directly or by monitoring the concentration of retinoids or other photoreceptor-derived compounds.[UniProtKB/Swiss-Prot Function]