

Product datasheet for MC209340

Rrh (NM_009102) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rrh (NM_009102) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rrh
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC209340 representing NM_009102 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTGAGTGAGGCTTCGGATTTAACAGCTCGGGCTCTAGGAGCGAAGGTTCTGTCTTTCAAGGACTG
AGCACAGCGTCATAGCGGCTTACCTGATTGTGGCAGGTATCACGAGCATTCTCAGCAACGTAGTAGTCCT
GGGTATCTTCATCAAGTACAAGGAGCTGCGGACCCACCAATGCAGTGATTATCAACCTGGCTTTCAGG
GATATAGGGTCAAGTAGCATCGGCTATCCCATGTCTGCGGCTTCAGATCTGCATGGAAGTTGAAATTTG
GACATGCAGGCTGTCAGATTTATGCAGGACTGAATATCTTCTTTGGGATGGTGAGCATTGGCTTACTCAC
GGTTGTAGCTATGGATCGGTACCTGACCATCAGTTGCCCTGATGTAGGACGAAGAATGACCACCAACACT
TACCTCAGCATGATCCTGGGCGCCTGGATCAATGGCCTGTTTTGGGCTTTGATGCCCATCATAGGGTGGG
CTAGTTATGCCCCGATCCTACAGGGGCCACGTGTACCATAAACTGGCGGAATAATGATACCTCGTTCGT
GTCTTACACCATGATGGTTATCGTGGTGAACCTCATTGTGCCCTTGACAGTGATGTTTTACTGTTACTAC
CACGTCAGTCGGTCCCTGAGACTCTACGCCGCTAGTGACTGCACTGCACACCTCCACAGAGACTGGGCAG
ACCAGGCAGATGTAACAAAGATGTCTGTGATAATGATACTGATGTTTCTGCTGGCATGGTCCCCTTATTC
CATCGTGTGCTTGTGGGCTTGTGTTTGGAAACCCCAAAAAGATTCCCTCCTCAATGGCTATCATAGCTCCA
CTGTTTGC AAAATCCTCTACGTTCTACAACCCCTGATTTACGTGGCTGCGCATAGAAGTTTCGGAAGG
CCATGTTGGCCATGTTTAAATGCCAACCTCACCTAGCAGTGCCTGAGCCAAGTACTCTACCAATGGATAT
GCCTCAGAGCTCATTGGCTCCTGTGAGGATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_009102
Insert Size:	1014 bp



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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:	NM_009102.3 , NP_033128.1
RefSeq Size:	1407 bp
RefSeq ORF:	1014 bp
Locus ID:	20132
UniProt ID:	O35214
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]