

Product datasheet for **MC209341**

Rs1 (NM_011302) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rs1 (NM_011302) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rs1
Synonyms: Rs1h; tmgc1; Xlrs1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209341 representing NM_011302
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCCACACAAGATTGAAGGCTTCTTCTGTTACTTCTCTTTGGCTATGAAGCCACATTGGGATTGTCAT
 CGACAGAGGATGAGGGTGAGGACCCCTGGTACCAGAAAGCATGCAAGTGTGATTGCCAGGTAGGAGCCAA
 TGCTCTGTGGTCTGCTGGAGCTACCTCCTTAGACTGTATTCCAGAATGCCATATACAAGCCCCGGGT
 TTCGAGTCAGGGGAGGTCACGCCAGATCAGATCACTTGCTCCAACCCAGAGCAGTATGTGGGCTGGTATT
 CCTCATGGACAGCAAACAAGGCCGACTCAACAGTCAAGGTTTTGGGTGTGCTTGCTTTCCAAGTATCA
 GGACAGCAGCCAGTGGTTACAGATAGATTTGAAGGAGATCAAGGTGATTCGGGGATCCTGACCCAAGGA
 CGCTGTGACATAGACGAGTGGGTGACCAAGTACAGTGTGCAGTATAGGACTGATGAGCGCCTGAAGTGA
 TCTACTATAAGGATCAGACCGGAAACAATCGGGTCTTCTATGGAACTCAGACCGGAGTTCTACAGTTCA
 GAACTTACTCAGGCCCCCATCATTTCCCGTTCATCCGACTGATCCCTCTAGGCTGGCATGTCCGAATT
 GCCATCCGGATGGAGCTGCTTGAGTGTGCCAGCAAGTGTGCT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_011302
Insert Size: 675 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:	<u>NM_011302.3</u> , <u>NP_035432.3</u>
RefSeq Size:	5855 bp
RefSeq ORF:	675 bp
Locus ID:	20147
UniProt ID:	<u>Q9Z1L4</u>
Cytogenetics:	X 73.95 cM
Gene Summary:	Binds negatively charged membrane lipids, such as phosphatidylserine and phosphoinositides (PubMed:17325137, PubMed:20677810). May play a role in cell-cell adhesion processes in the retina, via homomeric interaction between octamers present on the surface of two neighboring cells (By similarity). Required for normal structure and function of the retina (PubMed:11983912, PubMed:17325137).[UniProtKB/Swiss-Prot Function]