

Product datasheet for **MC205489**

Rom1 (NM_009073) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rom1 (NM_009073) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rom1
Synonyms: M101156; Rgsc1156; Rom-1; Rosp1; Tspan23
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC014827
GGGAGATGGCCCGGTGCTGCCCGTGGTGTGCCCTCCAACCCCGTATCCGTTTGGCACAGGGCATCTG
GCTCCTCTCCTGGCTGCTGGCATTGGTCGGTGGCCTCACCTCCTTTGTAGCGGGCACCTTCTGGTACAG
CTGGGGACACCTTGGCACCTTCTGGCACCTCTTGTTTCATTCCCTGCTCTGCCCCAGACTGCCCTGGCAG
CGGGAACGGTGGCTCTAGGCACAGGGCTAGGAGGCGCAGGAGCCAGCCGGGCAAGTCTGGATGCAGCTCA
ATACCCCCCTGGAGAGGGGTCTTGACTCCACTGCTAGCGTTTGGCACAGCTGCAGGTGGGGGGTCTG
ACCCTTGGCCCTGGGGCTAGCCCTGGCTTTGCCAGTAAGTCTCAACCAGGGACTGGAGGAGGGCCTGGAGG
CTGCCCTGGCTACTACAAGGACACAGAGGTGCCTGGACGCTGTCAGGCCAAACGTCTGATGGATGAGTT
GCAGTTGAGGTACCATTTGCTGCGGGCGCCATGGCTACAAGGATTGGTTTGGTGTTCAGTGGGTGAGCAAC
CGTTACTTGGACCCAGTGACCAAGATGTAGTTGACCGGATCCAGAGCAATGTGGAAGGCTTATATCTGA
TTGATGGCGTCCCCTTCTCCTGTTGTAATCCCCACTCACCCGGCCTTGCCTGCAAAGCCAACTCTCGGA
CCCTATGCCATCCACTCTTCGATCCTCGGCAGCCAACTAAACCTCTGGGCCAAAGGTGCCATGAA
GTGCTGCTGGAACACCTGCAGGGTTTATCAGGCACACTGGGAAGTATTCTGGCTGTACCTTATTGCTGC
AGATTCTAGTGCTCCTTGGTTTGGCGTATTTGCAGACAGCGCTGGAGGGCCTTGGAGGAGTCATTGATGG
GGAAGGAGAGGCCAGGGCTATCTTTTTCTGGTGGGCTGAAAGACATACTGAAACTGCATGGCTACAG
GGAGGGCTTGGCCACAAGCCAGCACCTGAGGAGGCCCCACCAGATGAAGAACCTCCCAAGGAAGTTCTAG
CTGAGGCCTAGAACTGAAGAGGTGGGGTGGGAAGGGGAAAGATGGACAAATGTGAAAACTTACAAT
TCGTTACTCAGACTCAGGAAGGAAAGTCCCTGGGGTTATAGGAGTTAAGAGCAAGCGGAGCTGGGCTG
GAATGAGAAGTCCAGGTCTCCTGGAACCCAGCTGTCTCGTTGGAACCAAGTTGAGAACAGATGAG
GGCGACAGGGAAGTGACAACCAAGGACTAGAGAATGTTTCTAGCATCCAGATTCTACAATAAAGTTTGT
GGACAGAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_009073
Insert Size: 1056 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:	BC014827 , AAH14827
RefSeq Size:	1351 bp
RefSeq ORF:	1056 bp
Locus ID:	19881
UniProt ID:	P32958
Cytogenetics:	19 6.03 cM
Gene Summary:	May function as an adhesion molecule involved in stabilization and compaction of outer segment disks or in the maintenance of the curvature of the rim. It is essential for disk morphogenesis.[UniProtKB/Swiss-Prot Function]