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Product datasheet for MC209592

Rsph1 (NM_025290) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rsph1 (NM_025290) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rsph1
Synonyms:	MCA; Tsga2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC209592 representing NM_025290
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCGGACCTGGGCTCTGAGGAGTTAGAGGAGGAGGGAGAGAACGACCTTGGGGAGTACGAAGGGGAGC
GCAATGAGGTGGGAGAACGACACGGACATGGGAAAGCACGACTGCCCAACGGGGACACATATGAAGGAAG
CTATGAGTTTGGAAAAAGACATGGCCAGGGGACTTACAAATTTAAGAATGGGGCCCGGTACACCGGAGAC
TATGTCAAAAATAAAAAGCACGGCCAAGGCACCTTTATCTATCCAGATGGATCCAGATATGAAGGGGAGT
GGGCTGATGACCAGAGGCACGGCCAAGGCGTGTACTACTATGTCAACAATGACACCTACACAGGGGAGTG
GTTCAATCATCAAAGGCACGGGCAAGGCACCTACCTCTACGCAGAGACCGGCAGTAAGTATGTCGGTACC
TGGGTGCACGGACAGCAGGAGGGTGCTGCCGAGCTCATCCACCTAAACCACAGGTACCAGGGCAAGTTCA
TGAACAAAAATCCTGTGGGCCCTGGAAAGTACGTATTTGATATTGGATGCGAACAGCACGGTGAATATCG
CCTCACAGATACGGAAAGAGGAGAAGAGGAGGAGGAGGAAGAGACATTAGTGAACATCGTTCCAAAATGG
AAAGCTCTCAACATCACAGAATTGGCCCTGTGGACTCCAACCCTCTCCGAGGAGCAGCCTCCCCCTGAGG
GCCAAGGCCAGGAGGAACCGCAGGGACTTACTGGCGTGGGTGACCCCTCAGAAGACATCCAGGCAGAAGG
TTTTGAGGGCGAGCTGGAGCCGAGGGGGGCCGATGAAGACGTAGACACGTTCAGGCAGGAGAGCCAGGAG
AACAGCTACGACATAGACCAGGGAAACTTGAACTTTGATGAAGAACCGTCAGACCTCCAGGATTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites:	SgfI-MluI
ACCN:	NM_025290
Insert Size:	906 bp

View online »

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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:	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_025290.3, NP_079566.1
RefSeq Size:	1164 bp
RefSeq ORF:	906 bp
Locus ID:	22092
UniProt ID:	Q8VIG3
Cytogenetics:	17 15.94 cM
Gene Summary:	The specific expression during male germ cell development and its characteristic localization suggest that it may play an important role in male meiosis. It is necessary for proper building of the axonemal central pair and radial spokes (By similarity).[UniProtKB/Swiss-Prot Function]

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