

Product datasheet for MC210590

Spaca1 (NM_026293) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spaca1 (NM_026293) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Spaca1
Synonyms:	1700124L11Rik; 4930540L03Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_026293, the custom clone sequence may differ by one or more nucleotides

ATGCGCGCCAGGGGCGCAGGCTGCCCCGCTGGGCTGCTGGCCGTCGGATGGCTGATCCTGGTGGGCCTGC
 AGGCCTCGCAGGCATCGAATGTCACCTCCAGCGCGGAGGCGTCCAGGAACCCGCTGTGGCCGCGAGGG
 CGAGAGCGAGAGCGAGAGCGAGAGTGAGGAGGAGGCTGAGAACGAAGCGAAGTGCCCGAGTCCGAAACC
 ACAGCCGAGGCCGATGCCGAGGAAGAGGTTGAGAACAGAACAAATAGTCAAAGAAGTAGAATTCGGAATGT
 GCACAGTCACGTGTGGTGTGGTATCAGAGAAGTAATTTTAACCAATGGATGCCCTGGAGGTGAATCCAA
 GTGTGTTGTTGCGTGTGAAGAATGCCGTGGACCTGTTGATTGTGGCTGGGGTAAACCAATTTCTGAAAAAT
 CTTGATAGTGCTAGACTATCATGTGTTTATATCTCCTGAAAAATCGTTTCAAATATGTATGGAAGCTTC
 TAAAGCCAGACCAACAACCTGTTATACTGACAAATGACTCAGCAGTCTTGGAATAACGAGAGAAATTCG
 TCCTCTGGCTTTTGAATGTGACACCTTGGATAAATAATGAAATGGTGGCATCTGTTAAATTCACCGTCTAT
 ACAACAAATGAACTGCAGATGAGAAGATCCAGCAGACCAGACACTGATGCAGTCTTAGTTTTCGTGCTGA
 CCATAGGAGTCATTATCTGCATATTTGTGATCTTCGTATTGATTTTCATCATCATAAATTTGGCGGCAGT
 GAAATCCTTCTGGGGGTCAAAAACCTCAGCAACTGAGATACAGTCCGAGCTGAGCTCTATGAGGTATAAA
 GATTCGACGTCTCTCGACCAGTCACCAACAGATATACCTGTACATGAAGATGACGCTTTAAGTGAATGGA
 ATGAATGA

Restriction Sites:	SgfI-MluI
ACCN:	NM_026293
Insert Size:	918 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:	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:	BC147080 , AAI47081
RefSeq Size:	1026 bp
RefSeq ORF:	918 bp
Locus ID:	67652
UniProt ID:	Q9DA48
Cytogenetics:	4 A5
Gene Summary:	Plays a role in acrosome expansion and establishment of normal sperm morphology during spermatogenesis. Important for male fertility.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.