

Product datasheet for MC211671

Spaca3 (NM_029367) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Spaca3 (NM_029367) Mouse Untagged Clone
Tag: Tag Free
Symbol: Spaca3
Synonyms: 1700025M08Rik; ALLP17; Lyc3; mSLLP1; SLLP1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC211671 representing NM_029367
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAAGCTAGGAGCCGGGCTCCAGAAGACAGCTGTGCCCGCTGGGATCACTTGGCTGGCCCTGGCCT
ATCTGCTCAGCTGCCTGCTTGCCTCCAGCAAGGCCAAGGTCTTCAGTCGCTGTGAGCTGGCCAAAGAGAT
GCATGACTTCGGTCTGGATGGCTACCGGGTTATAACCTGGCTGACTGGGTCTGCCTTGCTTACTACACA
AGTGGCTTCAACACAAAATGCTGTGGATCATGAAGCTGATGGAAGCACCAACAATGGCATCTTCCAGATCA
GCAGCCGGAGGTGGTGCAGAACCCTCGCTCGAATGGCCCAATCTTTGCAGGATATACTGCACTGATTT
GTTGAACAATGATCTCAAAGATTCTATCGTCTGTGCCATGAAGATAGTTCAAGAACCCTGGGTCTGGGC
TATTGGGAAGCCTGGAGGCACCACTGCCAGGGCAGGGACCTCAGTGACTGGTGGATGGCTGTGACTTCT
AG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_029367
Insert Size: 492 bp

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).



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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_029367.1</u> , <u>NP_083643.1</u>
RefSeq Size:	941 bp
RefSeq ORF:	492 bp
Locus ID:	75622
UniProt ID:	<u>Q9D9X8</u>
Cytogenetics:	11 B5
Gene Summary:	<p>Sperm surface membrane protein that may be involved in sperm-egg plasma membrane adhesion and fusion during fertilization. It could be a potential receptor for the egg oligosaccharide residue N-acetylglucosamine, which is present in the extracellular matrix over the egg plasma membrane. The processed form has no detectable bacteriolytic activity in vitro (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Variants 1 and 2 encode the same protein.</p>