

Product datasheet for RN216287

Spaca1 (NM_001191982) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spaca1 (NM_001191982) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Spaca1
Synonyms:	RGD1560284
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN216287 representing NM_001191982 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCGCGCCAGGGCGCTGGCTGCCCGCTTGGCTGCTGGCCCTCGGATGGCTGATCCTGGTGGGCCTGC
AGGCCTCGCAGGCATCGAATGTCACCTCCTCCATCCAGGATCCCGGCATGGCCCGCAGGGCGAGAGCAG
CAGCGAGAACGAGCCCGAGGAGGAGATTGAGAACGAAGGCGAAGTGGTTGAGACTGATACCACGATCGAG
GCCGAGGAAGAGGTTGAGAACAAAACAGTAGTCAAGGAAGTAGAATTCGGAATGTGCACAGTCACGTGTG
GTGTTGGTATCAGAGAAGTAATTTAAACCAATGGATGCCCTGGAGGTGAATCCAAATGTGTGTTCTGTGT
GGAAGAATGCCGTGGACCTGTTGATTGTGGCTGGGGTAGACCAATTTCTGAAAGTCTTAAAGTGCTAGA
CTATCATGTATCCATATATCTCCTGAAAATCGTTTCAAATATATATGGAAGCTCCTAAAGCCAGATCAAC
AACCTGTATACTGATAAATGACTCAGCAGTCCTGGAAGTACCAAGAGAATTCATCCTATGGCTTTCGA
GTGTGACACCTTGATAATAATGAAATGGTGGCATCTGTTAAGTTCACAGTCTATACAACAACTGAATTG
CAGATGAAAAGATCCACCAGACCAGACTGATGCCGTCTTAGTCTTCGTGCTGACCATAGGAGTCATCA
TCTGCATATTTGTGATCTTTGATTGATTTTCATAATCATAAATGGCGGCAGTGAAATCCTTCTGGGG
GGCAAAAGCCTCAACAACTGAGATACAGTCCGAGATGAGCTCTATGAGGTACAAAGATTCGACATCACTT
GACCAGTCACCAACAGATATACCTGTACATGAAGACGATGCTTTAAGTGAATGGAATGA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001191982
Insert Size:	903 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001191982.1, NP_001178911.1</u>
RefSeq Size:	984 bp
RefSeq ORF:	903 bp
Locus ID:	500432
Cytogenetics:	5q21