

Product datasheet for **RN216623**

Spred3 (NM_001173344) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spred3 (NM_001173344) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Spred3
Synonyms:	RGD1311713
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN216623 representing NM_001173344 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**C

ATGTACGCCCCGCTTGCTTCTACCCCTCCCCAAGCGCCCCCTCCCCACACGCGTCTTCCAGGTTCCC
CCTCCCTCCCCCTCGCCCCGGTCCCGGTGCCGTCTCCAGCGCCGCCGAGCCAGCCAGGGAGCGGGA
GCGAACAGGAGGAGGAGGAGGAGGCCGCGTCCCGCCGCTCGGAGCCCGCCGGAGCCTCCAGACCACC
TTGGAGTGTACCCTGAGGCCAGGTTTGGTTTACAACAAAGTGAACCTATCTTCCACCATTGGAGCCTGG
GGGACTGCAAGTTTGGGCTGACGTTTCAGAGTCTGCGGAAGCCGATGAGTTCCAGAAGAGCCTGCAGGC
TGCACTGGCTGCGCTGAGTCGAGGCTCGCTGACTCCCTCCTCTTCTTCTCCTCCTCCCTTCCCGA
GATACTGCAGAGACTCCCTGCCCTCTGACGTCCACGTGGACAGCGACTCCTCCTCCAGTCACAGCCGCC
AGGAGACTCCACCCACAGCTGTCGCTCCATTGCCACAGTGGAGTCAGCAACTGCCTTCCACCGGCCAC
GCCCCACAAAGGCGCGCTCCTCTGCTCAGAGCTACCCTCCGTTCTACCGTTCACTGGGATCCAGAA
CCTTCCGAGTCTCTAGCTGGGGCAGGGAGCCAGGGCAGGGCGGCCGTGGCTATGAGGACTACCGCGCAT
CTGGACCACCGCTCCACCTCTTGCCCTGTCTACCTGCGTTGTGCGCTTTGCCAAGACTGGTGCATTGAG
GGGTGCAGCCCTGGGTCCCCAGTGTCACTCCCTGCCCTCTCACAGAGGCTGCACCCCAAGCACTCCCT
GCTCGTCCACCCCAAGGCCAGGCCCTACCCCTGCTCCAGCCAAAGCCTCCCGGAGGCTGAGGAGGCTG
CGCGTGTGTGCACTGCCGAGCACTCTCCGCCGCCGGGAGATGGGCGTGGTGGTCTGCTGCGCAGAGGC
CCCCGACCCAGGTGCGCTGCTAGTGCAGGCTCAGCTGCCTGTGGTGCCTGAGAGCTTGTGTACCAC
TGCCTGTGCGACGCCGAGGGTGAATTCTCCGACCGTGTGCTTGTGAGCCAGGCCACCCGCGCCCTGCTG
CGCGTTGGGCTGCTCTGGCTGCTCTGTCCTGGCAGTGCCTGCCTCTGTTGCTATGCGCCCTGCGCGC
CTGCTACTGGGTTGCAGCACGGTGTGGCTGTGCGGGCTGTGGGGTGCACAGAGGAGGCTGCACGGTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-RsrII
ACCN:	NM_001173344
Insert Size:	1260 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).
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:	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_001173344.1, NP_001166815.1</u>
RefSeq Size:	1795 bp
RefSeq ORF:	1260 bp
Locus ID:	308478
Cytogenetics:	1q21