

Product datasheet for **RN211737**

Spam1 (NM_053967) Rat Untagged Clone

Product data:

| | |
|---------------------------|--------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Spam1 (NM_053967) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Spam1 |
| Synonyms: | Spam |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >RN211737 representing NM_053967
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGAGAGTTGCAATTTAAGTGGCTCTTTTGGAGGAGCTTTGCTGAGTCTGGGGGCACATTCCAACACAG
 TGTTAATCTTTCTTTTCATTCCATATTCCTTGACTGTGGATTATAGGGCAACACCAGTTCGTGCAGATAC
 AACTTTCTGTTGGGTCTGGAATGTTCCAACGAAGCTTGTGTAGAAAACGTTACTGAACCAATAGATCTG
 AGCTTCTCTCTTTAATTGGAAGCCCCGAAAACGCCATAGGGCAGCCTGTCACATTATTTTATGTTG
 ATCGACTTGGTAACTATCCTCACATAGATGCACAGCAAACAGAACATCATGGAGGAATACCTCAGAAGGG
 GGATTTGACAACCTATTTGGTAAAAGCTAAGGAAGACGTAGAGCGTTACATACCAACAGACAAAACGGGT
 TTAGCTATCATTGACTGGGAAGAATGGAGGCCTACCTGGATGAGAACTGGACACCTAAGGATATTTACA
 GGAATAAGTCTATTGAATTGGTCCAGGCAGCTGATCCAGCAATTAATATCACAGAAGCTACTGTGAGAGC
 CAAAGCACAATTTGAAGGGCAGCTAAAGAGTTTATGGAAGGGACTTTAAAATTGGGGAAACATATTCGA
 CCAAAGCACTTATGGGGTTTTTATCTATTTCTGATTGTTATAACAATAAATTTCAAGTCGATAACTATG
 ATGGCCAATGCCCTGATGTGAAAAGAAAACGAAACGATGATCTTGACTGGCTATGGAAAAGAAACGACGGG
 CCTTTACCCATCTGTCTATTTGAAGAAAGATTTGAAGTCGAGTCGAAAAGCAACCCTTTATGTCCGCTAC
 CGAGTTTTAGAATCTATCAGAGTGTCCAAAGTTTCAGATGAATCGAATCCAGTTCCAATTTTTGTCTATA
 TCCGTCTGTTTTCACTGATCATGTCTCTGAATACCTTCTAGAGGATGATCTTGTGAATACAATTTGGTGA
 AATTGTTGCTCAGGTTACCTCTGGAATTATAATATGGGATGCTATGTCTTTAGCACAAACGTTCCGGCAGGT
 TGCCCAATCCTACGTCAATACATGAAGACAACCCTGAATCCATACATAGTCAATGTCACCCTAGCAGCCA
 AAATGTGCAGTCAAACACTTTTGAAGGAGAAAAGCATGTGTTTCGAGAAAAACAGAAAGTTCAGATGCATA
 TCTTCACTTGGATCCAAGTAGTTTTTCTATTAATGTAACAGAAGCTGGAAGATATGAAGTCTTGGCAAG
 CCCGAGGTTAAAGACTTGAATACTTTTCTGAACATTTTAAATGCAGCTGTTTTAGCAAAATGACATGTG
 AGGAGACATCTGATATGCGAAGTATACAAGATGTGAATGTGTGCATGGGTGACAAATGTTGTATAAAAGC
 CACGCTAGGACCCAACCTCAGCATTCCACCTCCTACCTGGCAAAGGCCTCCTCCTTATGACAAACACTTGCT
 CACATCTGCACCATCTACCACATGATATTTTTGTTTTCCGTGGAAGATGCTAGTCACTCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_053967
- Insert Size:** 1539 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).
- 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_053967.2](#), [NP_446419.1](#)

RefSeq Size: 2112 bp

RefSeq ORF: 1539 bp

Locus ID: 117037

UniProt ID: [Q62803](#)

Cytogenetics: 4q22

Gene Summary: a glycoprotein responsible for sperm adhesion to the zona pellucida [RGD, Feb 2006]