

Product datasheet for **SC124098**

SPACA3 (NM_173847) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPACA3 (NM_173847) Human Untagged Clone
Tag:	Tag Free
Symbol:	SPACA3
Synonyms:	ALLP17; CT54; LYC3; LYZC; LYZL3; SLLP1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC124098 sequence for NM_173847 edited (data generated by NextGen Sequencing)

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ATGGTCTCAGCTCTGCGGGGAGCACCCCTGATCAGGGTGCCTCAAGCCCTGTTTCTTCT  
CCTTCTGTGAGTGGACCACGGAGGCTGGTGAGCTGCCTGTCATCCCAAAGCTCAGCTCTG  
AGCCAGAGTGGTGGTGGCTCCACCTCTGCCGCCGCATAGAAGCCAGGAGCAGGGCTCTC  
AGAAGGCGGTGGTGCCAGCTGGGATCATGTTGTTGGCCCTGGTCTGTCTGCTCAGCTGC  
CTGCTACCCTCCAGTGAGGCCAAGCTCTACGGTCGTTGTGAAGTGGCCAGAGTGCTACAT  
GACTTCGGGCTGGACGGATACCGGGGATACAGCCTGGCTGACTGGGTCTGCCTTGCTTAT  
TTCACAAGCGGTTTCAACGCAGCTGCTTTGGACTACGAGGCTGATGGGAGCACCAACAAC  
GGGATCTTCCAGATCAACAGCCGGAGGTGGTGCAGCAACCTCACCCGAACGTCCCCAAC  
GTGTGCCGGATGTACTGCTCAGATTTGTTGAATCCTAATCTCAAGGATACCGTTATCTGT  
GCCATGAAGATAACCAAGAGCCTCAGGGTCTGGGTTACTGGGAGGCCTGGAGGCATCAC  
TGCCAGGGAAAAGACCTCACTGAATGGGTGGATGGCTGTGACTTCTAG
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Clone variation with respect to NM_173847.3



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_173847 unedited TATTTGGCGGCCACGAATCCGGCACGAGCTGAAGCAGGGTTTTGAGCCACTGCTGCTGCTGCCATTGTACCATGGTCTCAGCTCCGGCGGGGAGCACCCCTGATCAGGGTGCACCTCAAGCCCTGTTTCTTCTCCTTCTGTGAGTGGACCACGGAGGCTGGTGAAGTGCCTGTCATCCCAAGCTCAGCTCTGAGCCAGAGTGGTGGTGGCTCCACCTCTGCCGCCGCATAGAAACCAGGAGCAGGGCTCTCAGAAGCGGTGGTGGCCAGCTGGGATCATGTTGTTGGCCCTGGTCTGTCTGCTCAGCTGCCTGCTACCCTCCAGTGAGGCCAAGCTCTACGGTCGTTGTGAAGTGGCAGAGTGTACATGACTTCGGGCTGGACGGATACCGGGGATACAGCCTGGCTGACTGGGTCTGCCTTGCTTATTTACAAGCGTTTTCAACGCAGCTGCTTTGGACTACGAGGCTGATGGGAGCACCAACCACGGGATCTCCAGATCAACAGCCGGAGGTGGTGCAGCAACCTTACCCCGAGCTCCCAACGTGTGCCCGATGTAAGTCTCAGATTTGTTGAATCCTAATCTCAAGGATACCGTTATCTGGGCCATGAAGATAACCCCAAGACCTTCAGGTCTTGGTACTGGGAGGCCCGGAGGCATTACTGGCAGGGAAAAAGACCTCCTGAATGGTGGGATGGCTGTGACTTCTTGGATGGCCGGACCATGG
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_173847 unedited GGAGATGCACTGGGGAGGGTGCACAGGGATGCCACCCGGGATCTGTTTCAGAAACAGCTATGACTTCTGCCGAATCTAGAGTCNNNCTTTTTTTTTTTTTTTTTTTTTCACGTTCAACCATCCTTTATTCGCTGGCTTGTCTTCCCAAGCCTAGGTCAGGAACCAACCACATTTCCAGCCTGCTGTGCATGGTCCGTCATCCTAGAAGTCACAGCCATCCACCCATTGAGTGGTCTTTCCCTGGCAGTATGCCTCCAGGCTCCAGTAACCCAGACCCTGAGGCTCTTGGGTTATCTTCATGGCACAGATAACGGTATCCTTGAGATTAGGATTCAACAAATCTGAGCAGTACATCCGGCACACGTTGGGGACGTTCCGGGTGAGGTTGCTGCACCACCTCCGGCTGTTGATCTGGAAGATCCCGTTGTTGGTGTCTCCATCAGCCTCGTAGTCCAAAGCAGCTGCGTTGAAACCGCTTGTGAAATAAGCAAGGCAGACCCAGTCAGCCAGGCTGTATCCCCGGTATCCGTCCAGCCGAAGTCATGTAGCACTCTGGCCAGTTCACAACGACCGTAGAGCTTGGCCTCACTGGAGGGTAGCAGGCAGCTGAGCAGACAGACCATGGCCAACAACATGATCCAGCTGGGCACCACCGCCTTCTGAGAGCCCTGCNTCTGGCTTCTATGCCGGCGGCAGAGGTGGAGCCACCACACTCTGGCTAGAGCTGACTTTGGATGACAGCAGCTACC
Restriction Sites:	Please inquire
ACCN:	NM_173847
Insert Size:	4700 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:	<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_173847.2</u> , <u>NP_776246.1</u>

RefSeq Size: 820 bp

RefSeq ORF: 648 bp

Locus ID: 124912

UniProt ID: [Q8IXA5](#)

Cytogenetics: 17q11.2

Gene Summary: The protein encoded by this gene is a sperm surface protein that may be involved in adhesion to the egg prior to fertilization. While the encoded protein has significant similarity to lysozyme at the amino acid level, it has no detectable bacteriocidal activity. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2015]

Transcript Variant: This variant (1) encodes the longest isoform (1).