

Product datasheet for SC317465

SPEM1 (NM_199339) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPEM1 (NM_199339) Human Untagged Clone
Tag:	Tag Free
Symbol:	SPEM1
Synonyms:	C17orf83
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317465 representing NM_199339. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGGCCATGGTTGAGCGGCCGAGGCCGAGTGGGCCTCGTATCACAACTGCAACAGCAACAGCTGCCAG
GACCTGGGCAACTCTGTCTGTTGCTGTGGGCCTCATCATCTGCATTAA CATTAGCATCAATATAGTG
ACCCTGCTCTGGAGCCGATTCCGTGGTGTCTTATACCAAGTGTTCATGATACCATTTGTGAGAAAGAA
GCTCCCAAGTCATCATTACTCAGAAAGCAGACCCAGCCCCCTAAGAAGCAGAGTTCTCTGCAGTCCAT
CTTCGGTGCACCATGGACCCTGTGATGATGACTGTGTCCCGCCCCAGCTCACCGCCATCGCCGTCGA
GGCTCTCCACACGCTGTGCTCACTGCCAGTAGCTTGGGCTCCTGACTGATGACGAGAAGCCTCAT
CAGTACCAGCCATCTGCTCCTACCACTGGGATGTCCCTGAGGACTGGGAAGGCTTCCAACACACTCAG
GGGACCTGGGTTCCCTGGTCTCAGGATGCCCCAGAGTCCCTCCCCAGACCATCCGTTCCAGCCTACC
GTAGAGGAAAGGCCCTCAAACAGGCATATGGTCCGAGCTGGGCCTAAGGGCCTATGTGTATCCTGTG
AACCCCCACCTCCCAGCCCTGAGGCTCCTAGCCACAAGAACGGTGGGGAGGGGGCGGTGCCAGAGGCA
GAGGCGGCTCAGTACCAGCCTGTCCAGCTCCACCCCTGGGCCAGCAGTCATCCCTGAATTTCCCGG
CACCGCTCCTCAGGCCGAATAGTGTATGATGCCCGGACATGAGACGGCGGCTTCGGGAAGTACCCCG
GAGGTGGAGGCCCTGTCCGGTGTCTACCCCTAGCCTCTGGATCCAGCACTGCCGAGGAGACAAGCAAG
AATTGGGTGACCGTCCCTAACTGGGAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_199339
Insert Size:	930 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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_199339.2</u>
RefSeq Size:	1009 bp
RefSeq ORF:	930 bp
Locus ID:	374768
UniProt ID:	<u>Q8N4L4</u>
Cytogenetics:	17p13.1
Protein Families:	Transmembrane
MW:	34.8 kDa
Gene Summary:	Required for proper cytoplasm removal during spermatogenesis.[UniProtKB/Swiss-Prot Function]