

Product datasheet for SC305970

SPACA4 (NM_133498) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPACA4 (NM_133498) Human Untagged Clone
Tag:	Tag Free
Symbol:	SPACA4
Synonyms:	SAMP14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC305970 representing NM_133498. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGTCTGTGCTGGCTGCTGCTTCTGGTGATGGCTCTGCCCCAGGCACGACGGCGCTCAAGGACTGC
 GTCTTCTGTGAGCTACCGACTCCATGCAGTGTCTGGTACCTACATGCACTGTGGCGATGACGAGGAC
 TGCTTCACAGGCCACGGGTCGCCCGGGCACTGGTCCGGTCATCAACAAAGGCTGCCTGCGAGCCACC
 AGCTGCGGCCTTGAGGAACCCGTCAGCTACAGGGGCGTCACCTACAGCCTCACCACCACTGCTGCACC
 GGCCGCTGTGTAAACAGAGCCCCGAGCAGCCAGACAGTGGGGGCCACCACGCTGGCACTGGGGCTG
 GGTATGCTGCTTCTCCACGTTTGCTG**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_133498
Insert Size:	375 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:	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.


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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_133498.2</u>
RefSeq Size:	978 bp
RefSeq ORF:	375 bp
Locus ID:	171169
UniProt ID:	<u>Q8TDM5</u>
Cytogenetics:	19q13.33
MW:	13 kDa
Gene Summary:	Sperm surface membrane protein that may be involved in sperm-egg plasma membrane adhesion and fusion during fertilization.[UniProtKB/Swiss-Prot Function]