

Product datasheet for **SC126860**

SPATA20 (NM_022827) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPATA20 (NM_022827) Human Untagged Clone
Tag:	Tag Free
Symbol:	SPATA20
Synonyms:	HEL-S-98; SSP411; Tisp78
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC126860 sequence for NM_022827 edited (data generated by NextGen Sequencing)

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ATGCTGGGCGCGCGGGCCTGGTTGGGCCGCGTCTTCTGCTGCCCCGCGCCGGTGACAGGC
CTCGCCCGCAGCCGCGAGGTGTCTGGAGTCTGGCCAGGACCTGGCCCCACAGGAGTCCC
AGCAGGGGTAGCTCCTCCCGGACAAAGGACCGAAGTGCGACGGTCAGTAGTTCAGTGCCC
ATGCCTGCTGGAGGAAAGGAAGCCATCCTTACATCTACACCCAGAGGGTCCCCAACCGC
CTGATCCACGAGAAGTCACCATACCTCCTACAACATGCCTACAATCCTGTGGACTGGTAC
CCCTGGGGACAGGAAGCCTTCGACAAGGCCAGGAAGGAAACAAGCCGATTTTCTCTCA
GTCGGGTAATCCACCTGCCACTGGTGCCACATGATGGAAGAGGAGTCTTCCAGAATGAG
GAGATTGGCCGCCTGCTCAGTGAGGACTTTGTGAGTGTGAAGGTAGACCGTGAGGAGCGG
CCTGACGTGGACAAGGTGTACATGACGTTCTGTCAGGCCACCAGCAGCGCGGGGGCTGG
CCCATGAATGTGTGGTGACTCCCAACCTCCAGCCCTTTGTGGGGGCACCTATTTCCCT
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TGGAACAGACAAGAACACCTGCTAGAAAATAGCCAGCGTGTACCACTGCCCTGCTG
GCCGATCAGAGATCAGCGTGGGTGACCGCCAGCTGCCGCCCTCTGCCGCCACCGTGAAC
AATCGCTGCTTCCAGCAGCTGGATGAGGGCTATGATGAGGAATACGGTGGCTTCGCTGAG
GCCCCCAAGTTTCCACGCCGGTGATCCTGAGCTTCTGTCTCTACTGGCTCAGCCAT
CGACTGACTCAGGATGGCTCTCGGGCCAGCAGATGGCCTTGATACCCTGAAAATGATG
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GAGCTGGGGGCTGGCCTGCCCCTGCGTCTGAAGGACGACCAGGATGGAGCAGAGCCCAGC
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TGTGAGAATCAAGCTGCTCAGTGCCCATCACTGATCCCTGCGAATTACGAAAATACTA
CATCCATGA

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Clone variation with respect to NM_022827.2

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_022827 unedited
 ATTTTGTAAACGACTACTATAGGGCGGCCGGAATTCGGCACGAGGCCTCAGCGGCCG
 GGCCACGCGCCCGAGCAGCCATGCTGGGCGCGCGGGCTGGTTGGGCGCGTCTTCTG
 CTGCCCCGCGCCGGTGCAGGCCTCGCCGCGAGCCGAGGTGTCTGGAGTCTGGCCAGG
 ACCTGGCCCCACAGGAGTCCCAGCAGGGGTAGCTCCTCCCGGACAAGGACCGAAGTGCG
 ACGGTCACTAGTTCACTGCCCATGCCTGCTGGAGGAAAGGAAGCCATCCTTCATCTACA
 CCCCAGAGGGTCCCCAACCGCTGATCCACGAGAAGTACCATACTCCTACAACATGCC
 TACAATCCTGTGACTGGTACCCCTGGGGACAGGAAGCCTTCGACAAGGCCAGGAAGGAA
 AACAAAGCCGATTTTCTCTCAGTCGGGTACTCCACCTGCCACTGGTGCCACATGATGAA
 GNAGGAGTCTTCCAGAATGAGGAGATTGGCCGCTGCTCAGTGAGGACTTTGTGAGTGT
 GAAGGTAGACCGTGAGGAGCGGCTGACGTGGACAAGGTGTCCATTGACGTTCTGTGAGG
 CCCCACAGCGGGCGGGGGGCTGGCCCATGAATGTGGTGGGCTGACTCCCAACCTCCAGC
 CTTTGGGTCGGGGGCACCTATTTCCCTCTGTGAGGAGGGCTTGACCCGAGTCGGCTTCC
 GNACAAGGGTTTCTTGAGAATACGAGAACAGTTGGAACAGAACAGAACACCCCTGCTA
 GAAATAGCCAGCGTGTCCCACTGCCCTGCTGGCCGAATAGAGAAACAGGGAGGGGTGAC
 CGCCAGCTGCCGCCCTCTGCCGCCAGTGAACATCGCTGCTCCACGGTGGGGAGAG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_022827 unedited
 NTTACTCTGNNACCGCGCCGCATNCTAGGATCGAGTTTTTTTTTTTTTTTTTTTACCA
 CGGGACACTGTAAAGTTTATTCTAGGGTGAAGTGGGTGCCCAAGGGGGCAGTGAGTATGGC
 CGAGGTACCTGGTGGCAGGGTGTCTAGGGATGGCCACAGGTTCTATAGGGCCCTGCAGG
 GCCTGAGTCTCTAGTCAGTTGGGATGCTTACCTTCTGCCCCACCCCAAGGGGGTTGGGG
 CAGTCATGGATGTAGTAGTTTTCGTAATTCGCAGGGATCAGTGATGGGCACTGAGCAGGC
 TTGATTCTCACACACATATGCAGTGGCCTGGTCTTCCAACCGTCGGAGGGTACTCAGGAA
 AGGCAGCTGGCGGGACAGGAAGCTCGAGGGGTCCCCATCAGCCAGAATCAGCACCTTGTT
 AGGAATGTAGACAGAGTGGACGCACTGCACAGGGCCTTGGTGTCTTGGCCTGACGGTC
 TCCACAGATCACGATCTGCTTGAGGGTCTGCTGCTGGGCTGAGAGGGCGCGGACCATCTC
 GGGCAACGCCACCGGGACACGACGATGCGCTCGGAAAAGGCGGTCAATAGGCACACACA
 CTTGTCCATCCAGTCTTGTGGCCCGTGAAGCCATGCAGCCGAGCAGGTTGTGGGCTGA
 CACGGAATTGGCGCTGGGCTCTGCTCCATCCTGGTCTGCTTTCAGACGACGGGGCAGGCC
 AACCCCGAGCTTAACCTCACTGCAGAAAGTAGCCCGCCACCTGGGAGTCCCAAAAGAGCT
 TGGTCTGTGGTGTCTGCAGCCCGAAAACCAATTCGACCCGCACTTTCCTGTGAGGCCTA
 TACAGGTCCAGCAGGCCCGCACACGAAGGCGTATCCTCCAGAAAGCCCCCAGGGTGG
 GTTGCTGGGCCACAATCCCCCAGGGCCCGTTACAAGGTCCCCATTAGGGGCCCTGG
 GCCC

Restriction Sites:

NotI-NotI

ACCN:

NM_022827

Insert Size:

2720 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:	<u>NM_022827.2, NP_073738.2</u>
RefSeq Size:	2640 bp
RefSeq ORF:	2409 bp
Locus ID:	64847
UniProt ID:	<u>Q8TB22</u>
Cytogenetics:	17q21.33
Domains:	DUF255
Protein Families:	Druggable Genome
Gene Summary:	May play a role in fertility regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (1).