

Product datasheet for **SC127243**

SPCS3 (NM_021928) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPCS3 (NM_021928) Human Untagged Clone
Tag:	Tag Free
Symbol:	SPCS3
Synonyms:	PRO3567; SPC3; SPC22; SPC22/23; SPC23; YLR066W
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC127243 sequence for NM_021928 edited (data generated by NextGen Sequencing)

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ATGAACACGGTGCTGTCGCGGGCGAACTCACTGTTTCGCCTTCTCGCTGAGCGTGATGGCG
GCGCTCACCTTCGGCTGCTTCATCACCACCGCCTTCAAAGACAGGAGCGTCCCGGTGCGG
CTGCACGTCTCGCGGATCATGCTAAAAAATGTAGAAGATTTCACTGGACCTAGAGAAAGA
AGTGATCTGGGATTTATCACATTTGATATAAAGTCTGATCTAGAGAATATATTTGATTGG
AATGTTAAGCAGTTGTTTCTTTATTTATCAGCAGAATATTCAACAAAAAATAATGCTCTG
AACCAAGTTGTCCTATGGGACAAGATTGTTTTGAGAGGTGATAATCCGAAGCTGCTGCTG
AAAGATATGAAAACAAAATATTTTTTTCTTTGACGATGGAATGGTCTCAAGGGAAACAGG
AATGTCACCTTTGACCCTGTCTTGAACGTCGTACCAAATGCTGGAATTCTACCTCTGTG
ACAGGATCAGGACACGTATCTGTCCATTCCAGATACATATGAAATAACGAAGAGTTAT
TAA
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Clone variation with respect to NM_021928.3



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_021928 unedited CAGAATTTTGTAAACGACTCACTATAGGGGCGGCCGCGATTTCGGCACCAGGCGCACCGC ANACGGCGCGGATCGCAGGGAGCCGGTCCGCCGCCGGAACGGGAGCCTGGGTGTGCGTGT GGAGTCCGGACTCGTGGGAGACGATCGCGATGAACACGGTGTGTGCGGGCGAACTCAC TGTTCCGCTTCTCGCTGAGCGTGATGGCGGCGCTCACCTTCGGCTGCTTCATCACCACCG CCTTCAAAGACAGGAGCGTCCCGGTGCGGCTGCACGTCTCGCGGATCATGCTAAAAAATG TAGAAGATTTCACTGGACCTAGAGAAAAGAAGTGATCTGGGATTTATCAGATTTGATATAA CTGCTGATCTAGAGAATATATTTGATTGGAATGTTAAGCAGTTGTTTCTTTATTTATCAG CAGAATATTCAACAAAAATAATGCTCTGAACCAAGTTGCTCTATGGGACAAGATTGTTT TGAGAGGTGATAATCCGAAGCTGCTGCTGAAAGATATGAAAACAAAATATTTTTCTTTG ACGATGGAAATGGTCTCAAGGGAACAGGAATGCACTTTGACCTGTCTTGAACGTCG TACCAAATGCTGGAATTCTACCTCTTGACAGGATCAGGACACGTATCTGTCCCATTT CAGATACATATGAAATAACGAAGAGTTATTAATTTATTCTGAATTTGAAACAACATATTT TTATACTTAATGAATTGTATCTCATTAACTCTTCCCTTACATCTTCATGTATTGGTGGT TTGTTTTTGGGNTTGGGGTT GGCTGTTAAGGGGAAGTAATGGGCTACTTATATTTGAACACACAAAAACAGGCTGC CCAGTGGATATATCTTACCAGATAGACTCCTAAACCGATTGTTAAATCTAATTGAGTATC C
Restriction Sites:	NotI-NotI
ACCN:	NM_021928
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:	NM_021928.1 , NP_068747.1
RefSeq Size:	1544 bp
RefSeq ORF:	543 bp
Locus ID:	60559
UniProt ID:	P61009
Cytogenetics:	4q34.2
Domains:	SPC22
Protein Families:	Protease, Transmembrane

Gene Summary:

Component of the microsomal signal peptidase complex which removes signal peptides and other N-terminal peptides from nascent proteins as they are translocated into the lumen of the endoplasmic reticulum.[UniProtKB/Swiss-Prot Function]