

Product datasheet for SC115189

SPCS1 (NM_014041) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPCS1 (NM_014041) Human Untagged Clone
Tag:	Tag Free
Symbol:	SPCS1
Synonyms:	HSPC033; SPC1; SPC12; YJR010C-A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_014041 edited ATGGATTACAAGGCCAGAAGCTAGCTGAACAGATGTTTCAGGGAATTATCTTTTTTCT GCAATAGTTGGATTATCTACGGGTACGTGGCTGAACAGTTCGGGTGGACTGTCTATATA GTTATGGCCGGATTTGCTTTTTTCATGTTTGCTGACACTTCCTCCATGGCCCATCTATCGC CGGCATCCTCTCAAGTGGTTACCTGTTCAAGAATCAAGCACAGACGACAAGAAACCAGGG GAAAGAAAAATTAAGAGGCATGCTAAAAATAATTGA
5' Read Nucleotide Sequence:	>OriGene 5' read for NM_014041 unedited GTCACATTTGTAACGACTCACTATAGGCGGCCGGAATCGGCACCAGCTGACGCGCAGT GCCAGACCTTAGCCCTCACGGTCTTAAGTCTCGGTCGCCCTCGCCTCGCAGCCTGCCAC CCGCGCTCAGCTGCCCGCCTCCTCAGCCAGCCATGCTGGAGCATCTGAGCTCGCTGCCCA CGCAGATGGATTACAAGGCCAGAAGCTAGCTGAACAGATGTTTCAGGGAATTATCTTTT TTTCTGCAATAGTTGGATTATCTACGGGTACGTGGCTGAACAGTTCGGGTGGACTGTCT ATATAGTTATGGCCGGATTTGCTTTTTTCATGTTTGCTGACACTTCCTCCATGGCCCATCT ATCGCCGGCATCCTCTCAAGTGGTTACCTGTTCAAGAATCAAGCACAGACGACAAGAAAC CAGGGGAAAGAAAAATTAAGAGGCATGCTAAAAATAATTGAGGTTTTTCATGATTCAGCAC CTGCTTTTGTCTGTGAGATGAGCTAAATTGCTTTTCATACCCAGATAAGAGCTAAAAC CACCTAATGCTCTTATGGCACAGCTGTGCATAGATTTAGTTCTCTTTATACTTCATTCTCT AGCCAGCTGGGTTTTGACTTATATAAGTACGTACAGACCTTCTTTTTATAATCTTGCTC TGAGATGGGGAACACAACCCCAACGTTGAAGTCTCCTTTACGCGCAAACAATGAAAA TAAATGCCTCATAAATGATAGTCCACTGTACCTATTACAGCTTTATTATTTTCATTATGAA GTAAACCATTTTTAAAGTTTTCCAATTAACCCTCATTCTGCCTAACAAACAAAATCACTCAC CCCCACCTTCCACACACTCCCTCTACCCCCCTTCCCTCCTAATATGCGCCCCGCGGC CTAATCTCCTTCTCCAAACAATCCCGGTGGN



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3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_014041 unedited AGCTATGAACCGCGGCACGCAATCTAAAATCGAGTNNTTTTTTTTTTTTTTTTTTTTTTTTTTT TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGGCCCCAAGAGGGTTAATTGGAAACCTTAA AGGGGAACCCATAAAGAATTATAAACTTTGATAGGTACCTTGGCCATCATTATGAG GGCTTTTTTTTCATTTTTTACCCCGGAAAAAACCTTCTACTTGGGGGTCTGGTCCC CCTTCAAACAAGATTTTAAAAAAGGGCTAAACCCCTTTTTTAAAAACAAACCCAC CGGGCTTAAAATGAAGTTTAAAAAAAACCTTAATTTTTTCCCAACTGGGCCCTAAAAACAT TAGGGGGTAAACCCCTTTTGGGGGATAAAACAATTTAACCCATTTACAAAAACAA AACAGGGGCCGAATCATGAAAACCCCAATTTTTTTTTAACATGCCCTTAATTTTTTTTT CCCCCGGGTTTTGGCGCTGGCCTGATTCTTGAACAAGGAACCCCTTGAAAGGATGCC CGGAAAAAAGGGCCCTGGGGAAATGCCCCCAACCTGAAAAAGCAAATCCGGCCCTAA CTTTTTAAACAGGCCACCCCACTGGTTAACACGTACCCCGAAATAATCCCATTG GAGAAAAAAAATAATCCCTGAAACATTTGTTCACTAACTTTGGCCCTTGAATCCA TCTGCGTGGGCAGCGAGCCAAAAAGCCCAACATGGGTGGCTGAAGAAGCGGGCCACTTA TCCCGGTGGCAAGCCTCAAGGCCAGGCCCCCAACTTAGGCACCGAGGCTAAGGG CTGGCCCTGGCCGCAACTGGTGGCCAAATTCGGGCCCCCTAATGGAGGGCGATAAAA AATTTTGAAGGTCTTAAAACCCCTGCTTTATAAAACCTCCACCGAAACCCCTACCCCAT TTGGTGAAGGGCGGGTATTCAA</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_014041
Insert Size:	820 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:	NM_014041.2 , NP_054760.2
RefSeq Size:	1100 bp
RefSeq ORF:	309 bp
Locus ID:	28972
UniProt ID:	Q9Y6A9
Cytogenetics:	3p21.1
Protein Families:	Protease, Transmembrane

Gene Summary:

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