

Product datasheet for **SC123036**

SPZ1 (NM_032567) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPZ1 (NM_032567) Human Untagged Clone
Tag:	Tag Free
Symbol:	SPZ1
Synonyms:	CILD38; NYD-TSP1; PPP1R148
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene sequence for NM_032567 edited
 CTTTCCCACCTTCTCTCCCAAGGCTGTCTGAGATGCCACCTTCCACCTAAACATCAT
 CTCCCAATTTTAACTCTTAACCTTTGGTCTCTGACTTCTGCTTGAATCCACAGTCTCCAC
 CCACATTTGCACAAAGGACCATCACCTGTCTTCTGGAATCTCTAAAGTTTCTGCTTT
 CCTTCTGTCTGATGGCCAGCTCTGCTAAGTCAGCTGAGATGCCACCATCTCCAAACC
 CTTAACCTACTCTGATCCTCATCAAGAATATCTGGACCCTAGGATTACCATTCGCTTA
 TTCGAAATTGGATCACATTCCCCTTCTCTGGGGCTCTCTCCCTTTCTTAAAGAAATAGC
 AGCCATCAAGTTACAGAACAACAGACTGCACAGAAGTTTAAACAATCTCTTAAAGAAAT
 AAAGATATTCTTAAAAATATGGCAGGTTTTGAAGAGAAGATCACAGAAGCAAAAGAACTT
 TTTGAGGAAACCAATATTACTGAGGATGTGTGAGCCACAAAGAAAATATCAGAGGACTT
 GACAAAATCAATGAAATGTTATCAACAAACCTGCCTGTTAGTTTAGCCCCAGAGAAAGAA
 GACAATGAAAAGAAACAGGAGATGATATTGAAACCAATATTACTGAGGATGTGTGAGCC
 CACAAAGAAAATATCAGAGGACTTGACAAAATCAATGAAATGTTATCAACAAACCTGCCT
 GTTAGTTTAGCCCCAGAGAAAGACAATGAAAAGAAACAGCAGATGATAATGGAAGAAC
 CAGAACTCTGAGAACACCGCACAGTTTTTGCAAGAGATTTGGTAAATCGTTTAGAAGAA
 AAAAAAGTCCTTAACGAACTCAACAAAGTCAGGAAAAAGCAAAAAACAGACTTAATGTT
 CAAGAAGAACTATGAAAATTAGGAACAACATGGAGCAGTTACTACAGGAAGCAGAACAC
 TGGAGTAAACAACATACTGAGCTCAGTAACTGATAAAATCCTATCAGAAATCTCAGAAA
 GACATAAGTGAACCTCTTGGAAATAATGGAGTCGGTTTCCAAACCCAGCCAAATAATGAA
 GTGTGGCTAAGCATGAGCTGGAGAACAGGTGAAGAACTGAGCCATGACACCTATTCA
 TTGCAGTTGATGGCAGCTTTGCTAGAGAATGAATGCCAAATCTTACAGCAGAGAGTAGAG
 ATTCTCAAGGAACTCCATCATCAGAAACAGGGAACCTCTGCAAGAGAAGCCAATTCAGATA
 AACTATAACAGGACAAGAAAAATCAGAAGCCATCAGAAGCAAGAAAGTAGAAATGTAT
 AAGCAGAACAAGCAAGCAATGAAGGGTACATTTTGGAAAAAGACAGATCCTGTAGAAGC
 CTGGATGTTTGTCTTAATAAGAAAGCTTGAATACCCAGTTCAATATTCTGTTGCAAGA
 AAAGCTCTTAGGGGAAAAATGAGGTGAGCTAGCAGCCTAAGATAGAAAATACCAAGCA
 GATGAAAAGGTGAATCCTTAAAAAACTACATCTGTTACCTCCAACCTGTGAGTCATGATC
 AATCATCAACCTTGGGCAGATCTGCTGGTTCAACCAAGAAAGAGCTATAGAATAAGGAG
 ATTGACACTTATATTACTTACTTTCAGCAGTTATGTAAGTCTGGTCTTTAATGACCAT
 TGTGTCTACATCAAGTTCATACTTTTACCTTTACAATCTGCTTGTGTTTTTTTGAATT
 ATTAGATAGACAGCCTAGAGTGAGAAGTTAAAGGTCCAATTAAGTTAAGATCTAAATAAA
 AACCAGAATACAAGGGAAA
 AAAAAAAAAAAAAAAAAAAAAA

**5' Read Nucleotide
Sequence:**

>OriGene 5' read for NM_032567 unedited
 CCCCATTAGGATTTGTAAACGACTTATATAGGCGGCCGCGATTCCCGGTCTTTCCACCC
 TTCTCCCAAGCTGTCTGAGAGCCCCCTCCACCTAAACATCATCTCCCAATTTTAATC
 CTTAACTTTGGTCTCTGACTTCTGCTTGAATCCACAGTCTCCACCCACATTTGCACAAAG
 GACCATCACCTGTCTTCTGGAATCTCTAAAGTTTCTGCTTTCTTCTGTCTGATGG
 CCAGCTCTGCTAAGTCAGCTGAGATGCCACCATCTCCAAACCTTAACCTACTCCTG
 ATCCTCATCAAGAATATCTGGACCTAGGATTACCATTGCCTTATTCGAAATTGGATCAC
 ATTCCCCTTCTCTGGGGCTCTCTCCCTTTCTTAAAGAATAGCAGCCATCAAGTTACAG
 AACAACAGACTGCACAGAAGTTTAAACAATCTCTTAAAGAAATTAAGATATTCTTAAAA
 ATATGGCAGGTTTTGAAGAGAAGATCACAGAAGCAAAAGAACTTTTTGAGGAAACCAATA
 TTAGTGAGGATGTGTGAGCCACAAAGAAATATCAGAGGACTTGACAAAATCAATGAAA
 TGTATCAACAAACCTGCCTGTTAGTTTAGCCCCAGAGAAAGACAATGAANAGAAAC
 AGGAGATGATATTGAAACCAATATTACTGAGGATGTGTGAGCCACAAAGAAAATATCA
 GAGGACTTGACANAATCAATGAAATGTTATCAACANACCTGCCTGTTAGTTTAGCCCCAG
 AGAAAGAAGAACATGAANAGAAACAGCAGATGATAATGGGAAACCAAGACTCTGAGAAC
 ACCGACAAAGTTTTTGCCAGAGATTTGGTAAATCGTTTAGAAGAAAAAAAGTCCTTACG
 AAAC

Restriction Sites:	Please inquire
ACCN:	NM_032567
Insert Size:	1880 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_032567.2</u> , <u>NP_115956.2</u>
RefSeq Size:	1880 bp
RefSeq ORF:	1293 bp
Locus ID:	84654
UniProt ID:	<u>Q9BXG8</u>
Cytogenetics:	5q14.1
Gene Summary:	This gene encodes a bHLH-zip transcription factor which functions in the mitogen-activate protein kinase (MAPK) signaling pathway. Because of its role in the upregulation of cell proliferation and tumorigenesis, this gene may serve as a target for Ras-induced tumor treatments. [provided by RefSeq, Oct 2011]