

Product datasheet for **SC123303**

PSTK (NM_153336) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PSTK (NM_153336) Human Untagged Clone
Tag:	Tag Free
Symbol:	PSTK
Synonyms:	C10orf89
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_153336 edited
 GGTGGTGGACTGTCAGCCTCGCCTTCTATTCTTTGATTTCAGTAACCTATTTTCGAAA
 GATTGCTGGAGGGAAAGGCTCAACGTCTCTTTGGGATTTTCTAAGCAGAAAGACCTCA
 TCCTAACAAAAGTGGAGCCCAATCCTACTGGCTGGCAACTTTCGGCAGGGAGGGTGATT
 CTATTTGAAGATTAATCCTAACTCTGGGACCCCTTGGGAATGTCCAGGAGCTAGGAACGC
 AGCGCCGCGGTCTCTCCAGCCTCTGGTCCCTGGGAGCAAGCAGGGCACCGGTGGAGCAGG
 TGCCCTCTGGGGCCGACGAAACCCAGCTAGGCCAGTTCCTCCACTGCGCCGGTAGGCGG
 CGGAGACGCTGCGCGTGCAGGACAGCGGTAGAGCGGAGACGACGCTCCCAGACTC
 CTCGGTCTCCCGGGCAGCATGAAGACCGCCGAGAATCAGAGGAACCGGCAGCGACG
 GGCCGCGGAAACGAGGCCTCTGCGTCTCTGTGGCCTCCCGCGGCAGGAAAATCGACTT
 TCGCGCGCCCTCGCCACCGGCTGCAGCAGGAGCAGGGTTGGGCCATCGGTGTTGTCG
 CGTATGATGACGTATGCCCGACGCGTTTCTCGCCGGGCAAGAGCGGACCGGCCAT
 CCCAATGAAAATTGCTTCGACAGGAACTGTTGAAGTACCTGGAATACTTCTTGATGGCTG
 TCATTAATGGGTGTCAGATGTCTGTCCCACCAACAGGACTGAAGCCATGTGGGAAGATT
 TTATAACCTGCTTAAAGGATCAAGATCTGATATTTTCTGCAGCATTTGAGGCCAGTCTT
 GCTACCTCTTAAACAAAAGTCTGCTTTTCTAGACCTTTGTTTTGGTTTTGGATGACAATT
 TTTATTATCAGAGTATGAGATATGAAGTCTACCAGCTGGCTCGGAAATATTCATTGGGCT
 TTTGCCAGCTCTTTTAGATTGCTCTTGGAGCCTGTTTACAGAGGAATGGCCAGAGGC
 CACAGGCACTGCCTCCTGAGACCATCCACTGATGCGAAGAAAGCTAGAAAAGCCCAACC
 CTGAGAAAAATGCTTGGGAACACAACAGCCTCACAAATCCGAGTCCAGCATGTGCTTCGG
 AGGCCAGCCTGGAAGTACTGATTTATTGCTACTGCTTTGGAAAATCCAGTAAAATATG
 CTGAGGACAATATGGAACAAAAGGACACAGACAGAATTATTTGTTCAACTAACATTTCTT
 ATAAAAGTATGACACTCCGAAGGATTGTATCTCAGACAATGAAGGAAGCAAAAAGGTA
 ATCAGGAAGCCTTCTCAGAGATGACATTTAAGCAAGATGGGTAAGAGCGAACCATGCGAG
 CTATCTGGAGGATCATTCTAGGCAATGAACACATCAAGTGCAGAAGCGCAAGGTTGGCT
 GGTGTCAGTGTTCAGAAATCGAGAAGAGGCCATTGAGCACGGGGTGAAGTGAACAAGTGC
 TTCCTCACAACCTGAAGCTTCTAGCAGAAGAACTTAACAAGCTCAAAGCAGAGTTTTTGG
 AAGACCTAAAACAAGGAAACAAAAAATATCTGTGCTTTCAGCAAACCATGACATACCAG
 ATGTCATTTCTTTTTTTCATTATGAGAAAATAATATTGTACAGAAGTATTTTTCAAAGC
 AGCATTAATAATTTCTGAACTGCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_153336 unedited
 GTTTAACATTTGTAATACGACTCACTATAGGGACGGCACGCGNAATCCCGGGCTGGTGG
 TCGGACTGTCAGCCTCGCCTTCTATTCTTTGATTTCAGTAACCTATTTTCGAAAGATTG
 CTGGAGGGAAAGGCTCAACGTCTCTTTGGGATTTTCTAAGCAGAAAGACCTCATCCTA
 AAAAAAGTGGAGCCCAATCCTACTGGCTGGCAACTTTCGGCAGGGAGGGTGATTCTATT
 TGAAGATTAATCCTAACTCTGGGACCCCTTGGGAATGTCCAGGAGCTAGGAACGCAGCGC
 CGCGGTCTCTCCAGCCTCTGGTCCCTGGGAGCAAGCAGGGCACCGGTGGAGCAGGTGCCT
 CTGGGGCCGACGAAACCCAGCTAGGCCAGTTCCTCCACTGCGCCGGTAGGCGGCGGAG
 ACGCTGCGCGTGCAGGACAGCGGTAGAGCGGAGACGACGCTCCCAGACTCCTCCG
 GTCTCCCGGGCAGCATGAAGACCGCCGAGAATCAGAGGAACCGGCAGCGACGGGCCG
 CGGAAACGAGGCCTCTGCGTCTCTGTGGCCTCCCGCGGCAGGAAAATCGACTTTCGGC
 CGCGCCCTCGCCACCGGCTGCAGCAGGAGCAGGGTTGGGCCATCGGTGTTGTCGCGTAT
 GATGACGTATGCCCGACGCGTTTCTCGCCGGGCAAGAGCGGACCGGCCCATCCCAA
 TGGAAATTGCTTCGACAGGAACTGTTGAAGTACCTGGAATACTTCTTGATGGCTGTCAAT
 AATGGGTGTCAGATGTCTGTCCCACCAACAGGACTGAAGCCATGTGGGAAGATTTATA
 ACCTGCTTAAAGGATCAAGATCTGATATTTTCTGCAGCATTTTGGACCCAGTCTGCTAC
 CTCTTACANAACCTGCTGTNCTAGACTTAGTTTTAGGTTTAGATAA

Restriction Sites: Please inquire
ACCN: NM_153336

Insert Size:	1750 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_153336.1 , NP_699167.1
RefSeq Size:	1750 bp
RefSeq ORF:	1047 bp
Locus ID:	118672
UniProt ID:	Q8IV42
Cytogenetics:	10q26.13
Protein Pathways:	Aminoacyl-tRNA biosynthesis
Gene Summary:	Specifically phosphorylates seryl-tRNA(Sec) to O-phosphoseryl-tRNA(Sec), an activated intermediate for selenocysteine biosynthesis.[UniProtKB/Swiss-Prot Function]