

Product datasheet for **SC125648**

TSP50 (PRSS50) (BC033016) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TSP50 (PRSS50) (BC033016) Human Untagged Clone
Tag:	Tag Free
Symbol:	TSP50
Synonyms:	testes-specific protease 50
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for BC033016 edited
AGCGGACTGGGAGCGCCTCCGGAGAGACGAGTCGGCTGCCACCCCGGGATGGGTGCT
GGTGCCAGACCGTCGCGCGCGGGCAGCCCCCGGAGCTCTGCCCTCCCGCGCCGGT
CCCTGCTGCTGCTTCTGTTGCTGAGTCTGCAGTTGCTGGGGCGCAGGGGAAGCCC
CGGGGGCGCTGTCCACTGCTGATCCCGCCGACAGAGCGTCCAGTGTGTCCCAAGGCCA
CCTGTCTTCCAGCCGGCCTCGCCTTCTGTCAGACCCGACCCAGACACTGCCCT
CGACCACCATGGAGACCAATTCCAGTTTCTGAAGGCAAAGTCGACCCATACCGTCTCT
GTGGCTTTTCTACGAGCAGGACCCACCCTCAGGGACCCAGAAGCCGTGGCTCGGCGGT
GGCCCTGGATGGTCAGCGTGGGCAATGGCACACACATCTGTGCCGGCACCATCATTG
CCTCCCAGTGGGTGCTGACTGTGGCCACTGCCTGATCTGGCGTGTATCTACTCAG
TGAGGGTGGGAGTCCGTGGATTGACCAGATGACGCAGACCGCTCCGATGTCCCGGTGC
TCCAGGTATCATGCATAGCAGGTACCGGCCAGCGGTTCTGGTCTGGGTGGGCCAGG
CCAACGACATCGCCTCCTCAAGCTCAAGCAGGAAGTCAAGTACAGCAATTACGTGCGGC
CCATCTGCCTGCCTGGCAGGACTATGTGTTGAAGGACCATCCCGCTGCACTGTGACGG
GCTGGGGACTTTCCAAGGCTGACGGCATGTGGCCTCAGTCCGGACCATCAGGAGAAGG
AAGTCATCATCTGAACAACAAAGAGTGTGACAATTTCTACCACAATTCACAAAATCC
CCACTCTGGTTCAGATCATCAAGTCCCAGATGATGTGTGCGGAGGACCCACAGGGAGA
AGTTCTGCTATGAGCTAACTGGAGAGCCCTTGGTCTGCTCCATGGAGGGCAGTGGTACC
TGGTGGGATTGGTGAGCTGGGGTGCAGGCTGCCAGAAGAGCGAGGCCACCCATCTACC
TACAGGTCTCCTCTACCAACTGATCTGGGACTGCCTCAACGGGCAGGCCCTGGCCC
TGCCAGCCCCATCCAGGACCCTGCTCCTGGCACTCCCACTGCCCTCAGCCTCCTTGCTG
CCCTCTGACTCTGTGTCCTCCCTCACTTGTGGGCCCCCTTGCTCCGTGCCAGGTT
GCTGTAGGTGCAGCTGTACAGCCCTGAGAGTCAGGGTGGAGATGAGGTGCTCAATTA
CATTACTGTTTTCCATGCAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC033016 unedited TTTATTTGTATACCACTCACTATAGGCGGCCGCGTAATTCTCGACAGCGGGCAGTCGGCT GCCACCCCGGGATGGGTGCTGGTGCCAGACCGTCGCGCGCGGGCAGCGCCCCGGACGT CTGCCCCCTCCCGCGCCGGTGCCTGCTGCTGCTGCTTCTGTTGCTGAGGTCTGCAGGTT GCTGGGGCGCAGGGGAAGCCCCGGGGGCGCTGTCCACTGCTGATCCCGCCGACCAGAGCG TCCAGTGTGTCCCAAGGCCACCTGTCTTCCAGCCGGCCTCGCCTTCTCTGGCAGACCC CGACCACCCAGACACTGCCCTCGACCACCATGGAGACCCAATCCCAGTTTCTGAAGGCA AAGTCGACCCATACCGCTCCTGTGGCTTTTCTACGAGCAGGACCCACCCTCAGGGACC CAGAAGCCGTGGCTCGGCGGTGGCCCTGGATGGTCAGCGTGCGGGCCAATGGCACACACA TCTGTGCCGGCACCATCATTGCCTCCCAGTGGGTGCTGACTGTGGCCACTGCCTGATCT GGCCTGATGTTATCTACTCAGTGAGGGTGGGGAGTCCGTGGATTGACCAGATGACGCANA CCGCCTCCGATGTCCCGGTGCTCCAGGTCATCATGCATAGCAGGTACCCGGGCCAGCGG TTCTGGTCCCTGGTGGGGCAAGCCAACGACATCGGCCTCCCTAAGCTCAGGCAGGAACTT AAGTACAAGACCTACGTGCGGCCATCTGCCTGCCTGGGCCCGGACTATGTGTTGAAGG ACCATTCCGCTGCACTGGGAACGGGCTGGGACTTCCCAGGGTGACGGGTTGGGGCCCC AGTTTCGACCCCTTCGGGAAAGGAGTTATCTTCTGAACACCAAATGTGAAAAATTTT ACCCCAACCTCCCAAAATCCCCCCTGTGTTAAATATAAGTCCCAAAGAGGGGGCGG G
Restriction Sites:	Please inquire
ACCN:	BC033016
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:	BC033016.1 , AAH33016.1
RefSeq Size:	1354 bp
Locus ID:	29122
Cytogenetics:	3p21.31
Protein Families:	Druggable Genome, Protease
Gene Summary:	May be involved in proteolysis through its threonine endopeptidase activity. [UniProtKB/Swiss-Prot Function]