

Product datasheet for **SC125563**

TSP50 (PRSS50) (NM_013270) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TSP50 (PRSS50) (NM_013270) Human Untagged Clone
Tag:	Tag Free
Symbol:	TSP50
Synonyms:	CT20; TSP50
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC125563 sequence for NM_013270 edited (data generated by NextGen Sequencing)

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ATGGGTCGCTGGTGCCAGACCGTCGCGCGGGCAGCGCCCCGGACGTCTGCCCCCTCC
CGCGCCGGTGCCCTGCTGCTGCTGCTTCTGTTGCTGAGGTCTGCAGGTTGCTGGGGCGCA
GGGAAGCCCGGGGGCGCTGTCCACTGCTGATCCCGCCGACCAGAGCGTCCAGTGTGTC
CCCAAGGCCACCTGTCCTTCCAGCCGGCCTCGCCTTCTCTGGCAGACCCGACCACCCAG
ACACTGCCCTCGACCACCATGGAGACCCAATTCCCAGTTTCTGAAGGCAAAGTCGACCCA
TACCGCTCCTGTGGCTTTTCTACGAGCAGGACCCACCCTCAGGGACCCAGAAGCCGTG
GCTCGGCGGTGGCCCTGGATGGTCAGCGTGCGGGCCAATGGCACACACATCTGTGCCGGC
ACCATCATTGCCCTCCAGTGGGTGCTGACTGTGGCCCACTGCCTGATCTGGCGTGATGTT
ATCTACTCAGTGAGGGTGGGAGTCCGTGGATTGACCAGATGACGCAGACCCGCTCCGAT
GTCCCGGTGCTCCAGGTATCATGCATAGCAGGTACCGGGCCAGCGTTCTGGTCTGG
GTGGGCCAGGCCAACGACATCGGCCTCCTCAAGCTCAAGCAGGAACTCAAGTACAGCAAT
TACGTGCGGCCCATCTGCCTGCCTGGCAGGACTATGTGTTGAAGGACATTCCCGCTGC
ACTGTGACGGGCTGGGGACTTTCCAAGGCTGACGGCATGTGGCCTCAGTCCGGACCACT
CAGGAGAAGGAAGTATCATCCTGAACAACAAAGAGTGTGACAATTTCTACCACAACCTC
ACCAAAATCCCCACTCTGGTTCAGATCATCAAGTCCCAGATGATGTGTGCGGAGGACACC
CACAGGGAGAAGTCTGCTATGAGCTAACTGGAGAGCCCTTGGTCTGCTCCATGGAGGGC
ACGTGGTACCTGGTGGGATTGGTGAGCTGGGGTGCAGGCTGCCAGAAGAGCGAGGCCCA
CCCATCTACCTACAGGTCTCCTCCTACCAACTGGATCTGGGACTGCCTCAACGGGCGAG
GCCCTGGCCCTGCCAGCCCCATCCAGGACCCTGCTCCTGGCACTCCCACTGCCCTCAGC
CTCCTTGTGCCCTCTGA

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Clone variation with respect to NM_013270.4



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_013270 unedited CTNNACTATAGGCGGCCGCATAACTTCGTATAGCATACATTATACGAAGTTATGGATCAG GCCAAATCGGCCGAGCTCGAATTCGTGCGAGAGCGGACTGGGAGCGCCTTCCGGAGAGACG CAGTCGGCTGCCACCCCGGGATGGTTCGCTGGTCCAGACCGTCGCGCGCGGGCAGCGCC CCCGGACGTCTGCCCCCTCCCGCGCCGGTGCCCTGCTGCTGCTGCTTCTGTTGCTGAGGT CTGCAGGTTGCTGGGGCCAGGGGAAGCCCGGNGGCGCTGTCCACTGCTGATCCCGCCG ACCAGAGCGTCCAGTGTGTCCCAAGGCCACCTGTCCTTCCAGCCGGCCTCGCCTTCTCT GGCAGACCCCGACCACCCAGACACTGGCCTCGACCACCATGGAGACCCCAATCCCAAGTTT CTGAAAGGCAAGTCGACCATAACCGCTCCTGTGGGCTTTCCTACGAGCAGGACCCCAACC TCAGGGACCCAAAAGCCGTGGCNTCCGCGTGGCCCTGGATGGTCAGCGTGCGGGCCAATG GCACACACATCTGTGCCCGGCACATCATTGCCTTCCATTGGGTGCTGACTGTGGCCCACT GCCTGATCTGGCGTGATGTTATCTACTCAGTGAGGGTGGGGAGTCCCGTGGATTGGCCGA TGACCCAAACCCGCTCCGATGTCCGGGGCTCCAGGTCATAATGGCTAAAAAGTACCGGG CCCCCGGTTTGGTCTTGGTGGGCCAGCCAACGAAATGGGCTTCTTAAGCTCAAGCG GGGACCTAGTTCGGCAATTACTTGGGGGCCCAATCGCCTG
Restriction Sites:	Please inquire
ACCN:	NM_013270
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_013270.2 , NP_037402.1
RefSeq Size:	1354 bp
RefSeq ORF:	1158 bp
Locus ID:	29122
UniProt ID:	Q9UI38
Cytogenetics:	3p21.31
Protein Families:	Druggable Genome, Protease
Gene Summary:	May be involved in proteolysis through its threonine endopeptidase activity. [UniProtKB/Swiss-Prot Function]