

Product datasheet for **SC125749**

PRSS33 (BC036846) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRSS33 (BC036846) Human Untagged Clone
Tag:	Tag Free
Symbol:	PRSS33
Synonyms:	EOS; protease, serine, 33; serine protease EOS
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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Fully Sequenced ORF: >OriGene sequence for BC036846 edited
 CCAGGACTTCCGTCTGAGATGGGATTTCTGGACAGAACAATGGAGCGCAGAAGCTCCAGC
 AACGTGTGCTCTGCAGGGAGCCAGACCAGAGTCCAAGCCTAGGCAGTGCCACCCTTAC
 CCAGCCCAGCCTTGAAGACAGAAATGAGAGGGGTTTCTGTCTCCAGGTCTGTCTTCT
 GGTGCTGGGAGCTGCTGGGACTCAGGGAAGGAAGTCTGCAGCCTGCGGGCAGCCCCGCAT
 GTCCAGTCGGATCGTTGGGGCCGGGATGGCCGGGACGGAGAGTGGCCGTGGCAGGCGAG
 CATTCCAGCATCGTGGGGCACACGTGTGGGGGGTTCGCTCATCGCCCCCAGTGGGTGCT
 GACAGCGGCGCACTGCTTCCCCAGGAGGCACTGCCAGCTGAGTACCGCGTGCSCCTGGG
 GCGCTGCGTCTGGGCTCCACCTCGCCCCGACGCTCTCGGTGCCCGTGCAGCGGTGCT
 GCTGCCCCGGACTACTCCGAGGACGGGGCCCGCGGCACCTGGCACTGTGCAGCTGCG
 TCGCCCGTGGCCCTGAGCGCTCGCGTCCAACCCGTCTGCCTGCCCGTGCCCGGCGCCG
 CCCGCCGCCGGCACACCATGCCGGTCAACCGCTGGGGCAGCCTCCGCCAGGAGTGCC
 CCTCCAGAGTGGCGACCGCTACAAGGAGTAAGGGTGGCCGTGCTGGACTCGCGCACCTG
 CGACGGCCTCTACCAGTGGGCGCGGACGTGCCCCAGGCTGAGCGCATTGTGCTGCCTGG
 GAGTCTGTGTGCCGGCTACCCCCAGGGCCACAAGGACGCTGCCAGGGTATTCTGGGGG
 ACCTCTGACCTGCCTGCAGTCTGGGAGCTGGGTCTGGTGGGCGTGGTGGAGCTGGGGCAA
 GGGTTGTGCCCTGCCAACCGTCCAGGGGTCTACACCAGTGTGGCCACATATAGCCCTG
 GATTACAGGCTCGCGTCAGCTTCTAATGCTAGCCGGTGGAGCTGACCTGGAGCCAGCTGCT
 GGGGTCCCTCAGCCTCCTGGTTCATCCAGGCACCTGCCTATACCCACATCCCTTCTGCC
 TCGAGGCCAAGATGCCTAAAAAGCTAAAGGCCACCCACCCCCACCCACCCACCTCTG
 CCTCTCTCTCTTTGGGATCACCAGCTCTGACTCCACCAACCTCATCCAGGAATCTG
 CCATGAGTCCCAGGGAGTCAACTCCCCACTCCCTTCTGGCTTGATTTACTTTTCTTG
 GCCTGAGCCAGGGCTGGGCGCAAGGCACGCAAGTGGGCAACCAATTGCTGCCATCT
 GGCTGTGTGCCATCTTTTCTGGAGAAAGTCAGATTACAGCATGACAGAGATTTGAC
 ACCAGGGAGATCTCCATAGCTGGCTTTGAGGACACGGGGACCACAGCCATGAGCGGCT
 CTAAGAGCTGAGAGACAGCCGGCAGGGAATCGAACCCCTCAGACCCACAGCCGAAGGCA
 CTGGATTCTGGCAGCACCTGAAGGAGCTGGGAAGTAAGTTCTTCCCAGCCTCCAGATA
 AGAGCCCCGCGGCAATCCCTTCAATTTCAACCTAAAGAGACCCTAAGCAGAGAACCTAG
 CTGAGCCACTCTGACCTACAAAGTTGTGACTTAATAAATGTGTGCTTTGAACCCAAAAA
 AA
 AAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC036846 unedited
 GGTCTGAATTGTATACGACTCATATAGCGGGCCGNAATCANATCTGGTACCGGTCCG
 GAATTCGGGATCCAGGACTTCCGTCTGAGATGGGATTTCTGGACAGAAACAATGGAGCG
 CAGAAGCTCCAGCAACGTGTGCTCTGCAGGGAGCCAGACCAGAGTCCAAGCCCTAGGCA
 GTGCCACCCTTACCCAGCCAGCCTTGAAGACAGAATGAGAGGGGTTTCTGTCTCCAGG
 TCCTGTCTCTTGGTGTGGGAGCTGCTGGGACTCAGGGAAGGAAGTCTGCAGCCTGCG
 GGCAGCCCCGCATGTCCAGTCGGATCGTTGGGGCCGGGATGGCCGGGACGGAGAGTGGC
 CGTGGCAGGCGAGCATCCAGCATCGTGGGGCACACGTGTGGGGGGTTCGCTCATCGCCC
 CCCAGTGGGTGCTGACAGCGGCGCACTGCTTCCCCAGGAGGGCACTGCCAGCTGATACC
 GCGTGGCCTGGGGGCGCTGCGTCTGGGCTCCACCTCGCCCCGACGCTCTCGGTGCCCG
 TGCGACGGGTGCTGCTGCCCCGGACTACTCCGAGGACGGGGCCCGCGGCACCTGGCAC
 TGCTGCAGCTGCGTCCCGGTGCCCTGAGCGCTCGCGTCCAACCCGTCTGCCTGCCCG
 TGCCCCGCGCCCGCCCGCCCGGCACACCATGCCGGTCAACCGCTGGGGCAGCCTCC
 GCCAGGAGTGCCCTCCAGAGTGGCGACCGCTACAGGGAGTAAGGGTGGCGTGTGG
 ACTCGGCACCTGCGACGCCTTACCAGTGGGGCGGGACGTGCCCCAGGCTGAGCGC
 ATTGTGCTGCCTGGGAGTCTGTGTGCCGGTACCCAGGGCCACAGGACGCTGCC

Restriction Sites: NotI-NotI
ACCN: BC036846

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:	BC036846.1 , AAH36846.2
RefSeq Size:	1755 bp
Locus ID:	260429
Cytogenetics:	16p13.3
Protein Families:	Druggable Genome, Protease
Gene Summary:	Serine protease that has amidolytic activity, cleaving its substrates before Arg residues. [UniProtKB/Swiss-Prot Function]