

Product datasheet for SC304997

PRSS22 (NM_022119) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRSS22 (NM_022119) Human Untagged Clone
Tag:	Tag Free
Symbol:	PRSS22
Synonyms:	BSSP-4; hBSSP-4; SP001LA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304997 representing NM_022119. Blue=Insert sequence Red=Cloning site Green=Tag(s)

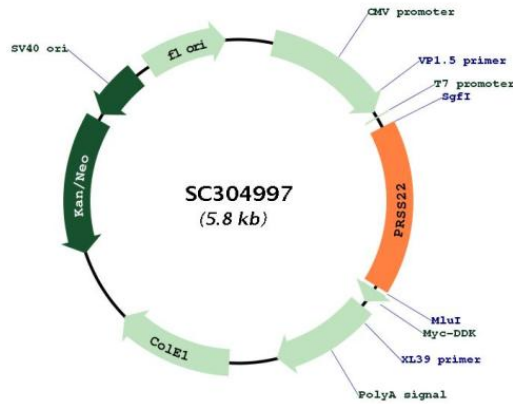
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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC CGGATCGCC
ATGGTGGTTTCTGGAGCGCCCCAGCCCTGGGTGGGGGCTGTCTCGGCACCTTCACCTCCCTGCTGCTG
CTGGCGTCGACAGCCATCCTCAATGCGGCCAGGATACCTGTTCCCCAGCCTGTGGGAAGCCCCAGCAG
CTGAACCGGGTTGTGGGCGGCGAGGACAGCACTGACAGCGAGTGGCCCTGGATCGTGAGCATCCAGAAG
AATGGGACCCACCACTGCGCAGGTTCTCTGCTCACCAGCCGCTGGGTGATCACTGCTGCCACTGTTTC
AAGGACAACCTGAACAAACCATACTGTTCTCTGTGCTGCTGGGGCCTGGCAGCTGGGAACCTGGC
TCTCGGTCCCAGAAGGTGGTGTTCCTGGGTGGAGCCCCACCCTGTGTATTCTGGAAGGAAGGTGCC
TGTGCAGACATTGCCCTGGTGCCTCTCGAGCGCTCCATACAGTTCTCAGAGCGGGTCTGCCCATCTGC
CTACCTGATGCCTCTATCCACCTCCCTCCAAACCCCACTGCTGGATCTCAGGCTGGGGGAGCATCCAA
GATGGAGTTCCCTTGCCCCACCCTCAGACCCTGCAGAAGCTGAAGGTTCCATATCAGACTCGGAAGTC
TGCAGCCATCTGTACTGGCGGGGAGCAGGACAGGGACCCATCACTGAGGACATGCTGTGTGCCGGCTAC
TTGGAGGGGAGCGGGATGCTTGTCTGGGCGACTCCGGGGGCCCCCTCATGTGCCAGGTGGACGGCGCC
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AGCCTCTCTGCGCACCGCTCTGGTGGAGAAGATCGTGAAGGGTGCAGCTCCGCGGGCGCGCTCAG
GGGGTGGGGCCCTCAGGCACCGAGCCAGGGCTCTGGGGCCCGCGCGCTCCTAG
ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:



ACCN:	NM_022119
Insert Size:	954 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_022119.3
RefSeq Size:	1391 bp
RefSeq ORF:	954 bp

Locus ID:	64063
UniProt ID:	Q9GZN4
Cytogenetics:	16p13.3
Protein Families:	Druggable Genome, Secreted Protein
MW:	33.7 kDa
Gene Summary:	This gene encodes a member of the trypsin family of serine proteases. The enzyme is expressed in the airways in a developmentally regulated manner. The gene is part of a cluster of serine protease genes on chromosome 16. [provided by RefSeq, Jul 2008]