

Product datasheet for **SC322222**

PRSS23 (NM_007173) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRSS23 (NM_007173) Human Untagged Clone
Tag:	Tag Free
Symbol:	PRSS23
Synonyms:	SIG13; SPUVE; ZSIG13
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322222
 GACCCACGCGTCCGGGGCAGGCATGGGAGCCGCGCTCTCTCCCGGCCACACCTG
 TCTGAGCGGCGCAGCGAGCCGCGGCCCGGGCGGGCTGCTCGGCGCGAACAGTGTCTGGC
 ATGGCAGGGATTCCAGGGCTCCTCTTCTCTTCTTCTTCTGCTCTGTGTGTTGGGCAA
 GTGAGCCCTTACAGTGCCCCCTGAAACCCACTTGGCCTGCATACCGCCTCCCTGTCGT
 TTGCCCCAGTCTACCTCAATTTAGCCAAGCCAGACTTTGGAGCCGAAGCCAAATTAGAA
 GTATCTTCTTCAATGTGGACCCAGTGTCTATAAGGGAACCTCCACTGCCACTTACGAAGAG
 GCCAAGCAATATCTGTCTTATGAAACGCTCTATGCCAATGGCAGCCGCACAGAGACGCAG
 GTGGGCATCTACATCCTCAGCAGTAGTGGAGATGGGGCCCAACCCGAGACTCAGGGTCT
 TCAGGAAAGTCTCGAAGGAAGCGGCAGATTTATGGCTATGACAGCAGTTTACGATTTTT
 GGGAAAGGACTTCTGCTCAACTACCTTTCTCAACATCAGTGAAGTTATCCACGGGCTGC
 ACCGGCACCTGGTGGCAGAGAAGCATGTCCTCACAGCTGCCACTGCATACACGATGGA
 AAAACCTATGTGAAAGGAACCCAGAAGCTTCGAGTGGGCTTCTAAAGCCCAAGTTTAAA
 GATGGTGGTCGAGGGGCCAACGACTCCACTTCAGCCATGCCCGAGCAGATGAAATTTAG
 TGGATCCGGGTGAAACGCACCCATGTGCCAAGGGTTGGATCAAGGGCAATGCCAATGAC
 ATCGGCATGGATTATGATTATGCCCTCCTGGAACCTCAAAAAGCCCAAGAGAAAATTT
 ATGAAGATTGGGGTGAGCCCTCCTGCTAAGCAGCTGCCAGGGGGCAGAATCACTTCTCT
 GGTATGACAATGACCGACCAGGCAATTTGGTGTATCGCTTCTGTGACGTCAAAGACGAG
 ACCTATGACTTGTCTACCAGCAATGCGATGCCAGCCAGGGGCCAGCGGTCTGGGGTC
 TATGTGAGGATGTGGAAGAGACAGCAGCAGAAGTGGGAGCGAAAAATTATTGGCATT
 TCAGGGCACCAGTGGGTGGACATGAATGGTTCACACAGGATTTCAACGTGGCTGTCAGA
 ATCACTCCTCTCAATATGCCAGATTTGCTATTGGATTAAAGGAACTACCTGGATTGT
 AGGGAGGGGTGACACAGTGTTCCTCCTGGCAGCAATTAAGGGTCTTCATGTTCTTATTT
 TAGGAGAGGCCAAATTGTTTTTTTGTTCATTGGCGTGCACACGTGTGTGTGTGTGTGT
 GTGTGTAAGGTGTCTTATAATCTTTTACCTATTTCTTACAATTGCAAGATGACTGGCTTT
 ACTATTTGAAAAGTGGTTTGTGTATCATATCATATATCATTTAAGCAGTTTGAAGGCATA
 CTTTTGCATAGAAATAAAAAAAATACTGATTTGGGGCAATGAGGAATATTTGACAATTA
 GTTAATCTTCACGTTTTTGCAAACCTTTGATTTTTATTTTCATCTGAACTTGTTCAAAGAT
 TTATATTAATATTTGGCATAACAAGAGAAAAA

Restriction Sites: Please inquire

ACCN: NM_007173

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:	<u>NM_007173.4, NP_009104.1</u>
RefSeq Size:	3806 bp
RefSeq ORF:	1152 bp
Locus ID:	11098
UniProt ID:	<u>O95084</u>
Cytogenetics:	11q14.2
Protein Families:	Druggable Genome, Protease, Secreted Protein
Gene Summary:	<p>This gene encodes a conserved member of the trypsin family of serine proteases. Mouse studies found a decrease of mRNA levels of this gene after ovulation was induced. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2014]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (a).</p>