

## Product datasheet for **SC203747**

### PSMD11 (NM\_002815) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	PSMD11 (NM_002815) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PSMD11
Synonyms:	p44.5; Rpn6; S9
ACCN:	NM_002815
Insert Size:	2000 bp



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**Insert Sequence:** >SC203747 3'UTR clone of NM\_002815  
 The sequence shown below is from the reference sequence of NM\_002815. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTCTACAACAAAGCCAAGAACTGACATAGAGTTGGATCTGTAGCGGTCCTTTGGAGAGTGTGTGTGGC
GGGAGAGTGAAACCTTGGGGGAAAATGCTAGGAGATTCTTTTTCTTTTTGTTCTACTTTTCGCTCGGA
AAGTTTTTAAATCCTCATTTGGTGCATCTGTATTCCAGCCAATAGGTGTGCCAGTTTTTCATGTAATCTT
TACTGGCCCAACTGGGAGTGGGAAAATTGCTTAAAAAAAAAGAAAAAGAAAAAAGATTATTCT
AAATAAAAGGAAAAGGCTTACACTACCTAAAGCTGTGCTCTCTGCCTCTGGGAGAGGGCCGAAAGC
CAGGCACCCCGCAACCACTGGGGTCTAATCCACCTGCTGGGCATCACCTCTCCTCTCCTCAGAAAT
TGGGTGTTTGTGACCATCAAAGCAATGACTTTTTATTCTGTTTGTACTGAACCAAAACAACAAGT
TGTATAGACTGCTTTTTCTTTTTATTGAAATGAGGCATTTTGGTGTCTTTCCCTACCATACGGC
CTGTCTGCCCTTCCCTCCACATTGGCTCCAGCAGAGTAGCCGAAGGTCCTGCCGCCGCCACCAC
CACCACCACTGCAGCAACAACAGCAGCAGCAGCAGCGCCTGCATAGCTCCACTCTGACCTGTGAAG
GAATGGGGATGAGGCCAGGAGCTAGTGTCTACCACGGCCACACAGGGAGCAGTGTGGGCCCTTAGCCCC
CAAGGGGCTGTATGCATGTGGCTTTTTTTTTTTTTTAAACACAGTAACTAGATTAGTCGTCAGTG
TTTTAATTGCCCTCTTCTCCTCTCCTGCATTCTCTCTCTCTCTTCTCTCTGTCCCTTCTCTT
CCCCTCTAACAGGAGACCATCATGTCTCTGCCTTCTCCTCTCCCTCCAGGGGAGTCAGGCTGT
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TTTTAAACAATGAACATCGGAAATGAGACTGTGGGGTGTGGTTTTCTCTCTCTTTTTTTTTTAATTTT
CTTTGTTGGGTTTTTGAGCAACCTCATGTCCCCTTCCCAGGGAGCTTTTTAATTTACCTCTTAGAACTC
AAGTGGATGGGAAGTAGAGCACTATGTGTCAGTATGCTTTGTTTTCTGACACGATTACACAGCGAGGCT
TTAATGCCATTTGGGTAGGTGAGCTTCTGCACTTCTGTTGTGCTGAACTGTATTTTCTTCTCATCTC
CTCTTTGTCTTTTTCTTTTTCTCCTTCTGCCTTCTCTGCTGGCCTCCTTTTTCTCTTTTAC
CTTCTTGGATTATCCTTCCAGGTTTTTCATAATAAATTTATATTTGTAAAAGGATTTTGTGTACCAG
GTTTTGCATCCTCACTGAATCTGACTGGCTTTTTATTTCTCTCCAAAATCAGGTTTTTGTCTCAACA
TCTTTCCCATCATGTCTAGTCACTGTTTTGGTTTTGGCACCATCAGTATCAAATGTACAAACGGTTCT
TGCTAACCAACACCAGGTATATCTGATGTTCCAGATGAGTTCCAAATAAAAAATAATTTTTTTTTTTCAA
AAGGTGTCTTTTTCTTGAGTGTGGAGGCTTCCAAGCAAGTCCAGACAGCTCTGTGTGGCCCCACT
AGTCTAGCTCTCATCTGGCCAAAGCTGTTATCTCATTGTTGTAATGGGAGTCCTTAAGGTAATTTGGG
GTCCAAACTTGGAGGGCTTTGGGGGCAAGAAAGTTGGTGTGTGAGTTCTGAGGTTGAAATGAGTTCAG
GTGTCTTCTTCCAGGGCAGCATGGTCCAGTGAGCACATGTAAGTTTGGCAGTAGATCCTCTGAGCCTA
CTTTCTTCTACTCAGTGAGGATGCTGCTTCTTGGCAGGTGATTGTGATGTGAAGCTTAGTAAGTC
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_002815.4](#)

**Summary:**

The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. This gene encodes a member of the proteasome subunit S9 family that functions as a non-ATPase subunit of the 19S regulator and is phosphorylated by AMP-activated protein kinase. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Jul 2012]

**Locus ID:**

5717

**MW:**

75