

## Product datasheet for SC207611

### PSMD7 (NM\_002811) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	PSMD7 (NM_002811) Human 3' UTR Clone
Symbol:	PSMD7
Synonyms:	MOV34; P40; Rpn8; S12
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002811
Insert Size:	585 bp
Insert Sequence:	>SC207611 3'UTR clone of NM_002811 The sequence shown below is from the reference sequence of NM_002811. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGAAAGAGGAGAAAAAGGAGAAAAAGTAAAACATGTATTAATAGCTTTTTTAATTTGTAAATAAAA
TCTTACAACTAAATCAGTGTGCTGCTAGAGGGTCTTTTTCACTTGACATGCTTATTAGAAAGCTGAC
CCAACAAGAGCTCTCGCTCCGGTCACTCTTGCTGTGGTGTACGTGGAAGTGAATGGAGACTGATCT
CAAATCTGAAGTGCAGCTTCGCTGCTGTGAGTTGGGGATATGATAGTCAGCTCAGGCTTCAGATTGTA
TGAGAAAAATGAAGAGAAGTCAACAAATATTTTGGTACTTTCATTTCATTATCTCTAAAACCAGGAGT
TGAATTTTCCTCATCTTGAAAGACTCTTGGGGTCTGTTTCTGGTATTTTACAAAATTGCTAAGTGGAAAT
GCATGAATTGCATTATGTTCTCTGGTAACACGTAGAGTTCAGACCCTTCTGAACTCTGTTGATAATACC
ACACCATGTTCTGGACCCATAGCTCTGGCATCCTCAGGGTGTGATCCAGCTCCATATATTGTTTACC
TTCAAAGATAACAATTAATGGCTTGATTTTTAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites:	Sgfl-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).



[View online »](#)

<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_002811.5</a>
<b>Summary:</b>	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. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a non-ATPase subunit of the 19S regulator. A pseudogene has been identified on chromosome 17. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	5713
<b>MW:</b>	22.3