

## Product datasheet for **SC205163**

### PSMD13 (NM\_175932) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** PSMD13 (NM\_175932) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** PSMD13  
**Synonyms:** HSPC027; p40.5; Rpn9; S11  
**ACCN:** NM\_175932  
**Insert Size:** 414 bp  
**Insert Sequence:** >SC205163 3'UTR clone of NM\_175932

The sequence shown below is from the reference sequence of NM\_175932. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGCACCAGGCCCATGACATCCTCACCTAGGGCCCCCTGGTTCCCCGTCGTGTCTCCTTTGACTCACCT
GAGAGAGGCGTTTGCAGCCAATGAAGCTGGCTGCTCAGACGGTCGACATTGAATTTGGGTGGGGTTGG
GATCCTGTCTGAAGTACAGACTGTTCTTGCTCTAAAAACAGGACTGTCCCTGATGGGAGCCAGGCCACA
GGGAGGAGGCTTCTTTGTGGGTCTCCTCGCAGAGGGTGGGGTCTCAGGCTTCTAGGTGATACGGGAG
AGAAAGAACGTGCCAGGCAGGAGGCCCCCTGAAGTCTGTGTAACCGAGGTGGATCTCCATCCCCATCC
ACCTGTACGGACATCTTTTCCGTTGCGGTTTGAAGTGTCTATAATAAACCCCTCTGCTTTGTTCTT
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

**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\\_175932.3](#)



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**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. 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. Two transcripts encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

**Locus ID:**

5719

**MW:**

15