

Product datasheet for **SC205162**

PSMD13 (NM_002817) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PSMD13 (NM_002817) Human 3' UTR Clone
Symbol: PSMD13
Synonyms: HSPC027; p40.5; Rpn9; S11
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_002817
Insert Size: 414 bp
Insert Sequence: >SC205162 3'UTR clone of NM_002817
The sequence shown below is from the reference sequence of NM_002817. 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  
GAGACCAGGCCCATGACATCCTCACCTAGGGCCCCCTGGTTCCCCGTCGTGTCTCCTTTGACTCACCT  
GAGAGAGGCGTTTGCAGCCAATGAAGCTGGCTGCTCAGACGGTCGACATTGAATTTGGGTGGGGTTGG  
GATCCTGTCTGAAGTACAGACTGTTCTTGCTCTAAAAACAGGACTGTCCCTGATGGGAGCCAGGCCACA  
GGGAGGAGGCTTCTTTGTGGGTCTCTCCTGCAGAGGGTGGGGTCTCAGGGTCTTAGGTGATACGGGAG  
AGAAAGAACGTGCCAGGCAGGAGGCCCCCTGAAGTCTGTGTACTCCGAGGTGGATCTCCATCCCCATCC  
ACCTGTACGGACATCTTTTCCGTTGCGGTTTGAAGTCTTCTATAATAAACCCCTCTGCTTTGTTCTT  
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA  
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

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).

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.



[View online »](#)

RefSeq: [NM_002817.4](#)

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. 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