

Product datasheet for **SC205222**

PSMC6 (NM_002806) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PSMC6 (NM_002806) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PSMC6
Synonyms: p42; RPT5; SUG2
ACCN: NM_002806
Insert Size: 1003 bp
Insert Sequence: >SC205222 3'UTR clone of NM_002806
The sequence shown below is from the reference sequence of NM_002806. 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
GAGTCTAAATTGGACTACAAACCTGTGTAATTTACTGTAAGATTTTTGATGGCTGCATGACAGATGTTG
GCTTATTGTAAAAATAAAGTTAAAGAAAAATATGTATGTATTGGTAATGATGTCATTAAGTATATGA
ATAAAAATATGAGTAACATCATAAAAAATTAGTAATTCAACTTTTAAGATACAGAAGAAATTTGTATGTT
TGTTAAAGTTGCATTTATTGCAGCAAGTTACAAAGGAAAGTGTGAAGCTTTTCATATTTGCTGCGTG
AGCATTTTGTAATAATTGAAAGTGGTTGAGATAGTGGTATAAGAAAGCATTTCTATGACTTATTTT
GTATCATTTGTTTTCTCATCTAAAAAGTTGAATAAAATCTGTTGATTCAGTTCTCCTACATATATAT
TCTTGTCTTTCTGAGTATTTACTGTGGTCTTTAGGTTCTTTAGCAAGTAACTATTTGATAACCC
AGATGGATTGGGATTTTGAATATTATTTAAAATAGTACACACTTAATGTTTATAAGATCATCTT
CTTAAATAAACATGGATGTGTGGGTATGTCTGTACTCCTCTTTCAGAAAGTGTTCATATTCTTCA
TCTACTGTGATTAAGCTCATTGTTGGTTAATTGAAAATATACATGCACATCCATAACTTTTTAAAGAGT
ATGATTCAACGTAATATTGCTAATATGTGACTGGGTTTTCTTGGTTTATGTAAGACGATAGGTCCTG
TTGAGGATGTGGAGGTCTGGACCCTCTCCAGGAAAAATTCTAACATACAATTTTGCGTATACTATAAT
TTCAGGAAATTTATTGTTTCCCAAGCTCATCCAAGGACTCTTTAGGTATGTATGGATACCTGGCTAAGA
GTGTATGATGTAGGGGATGTAGGAGTGTGAGAAATGTTCAAACATGATTTCTGTTACCTATACATGAT
TCTTATATCATCTGGCAATAAAAGCTATAACAAAGTA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-Mlul



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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_002806.5
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 one of the ATPase subunits, a member of the triple-A family of ATPases which have a chaperone-like activity. Pseudogenes have been identified on chromosomes 8 and 12. [provided by RefSeq, Jul 2008]
Locus ID:	5706
MW:	39.7