

Product datasheet for **SC201398**

PSMG1 (NM_003720) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PSMG1 (NM_003720) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PSMG1
Synonyms: C21LRP; DSCR2; LRPC21; PAC-1; PAC1
ACCN: NM_003720
Insert Size: 851 bp
Insert Sequence: >SC201398 3'UTR clone of NM_003720
 The sequence shown below is from the reference sequence of NM_003720. 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
AATGAGATTCAGAGTAACATTTATACATGATCTTAAACATTGTTTTGTAGTGTATATTACTGTCCATT
CCTTTAAGGGGAGCAGCCTGCCTCTTTTGTAGATTACTTTTGGGGATATATTTGAGAATGATGAAA
CGGAATAAAATTGTAAAAAATTAATTGTAGTTTTAATTCCTTATTATGGTGGTATTATTACAACCAA
AATAAGCCAAGCATTTTTCTTTTATCCACTAGGTGGGAGTATTGTTGATTTGAATATTTAAGGTA
ATAGTTAAATTTTATCTTATTTATTTATTTATTTTATTTTGGAGCTGGGTCTTGCTCTGTTGCCAG
GCTGAAGTGCAAGTGTGCTATCATGGTTCCTGCATCCTCGACCTCCTGGGCTCAAGCATTCCCCGCC
TCGGCCTCCCAAATGCTGGGATTACAGGTGTGAGCCACTGTGCCCAACTTATGTTAAATTTTCAAAG
CTACAGATATCAGCAGATGGTATTCATGTGGCAAAGTGTAGTTAATTAGGTGTAATTCATTGACCT
GTTGGTGATTCTAATATGTGAAAGTTTCTGGATATTTTAGGAGTCTGCAGTTTTTTTATCTTGTG
GGTAAAAATTGATGACAAAGTAACAAAATATATATTTACTAAAAATGAAACAGAAATGTGTATGCTC
CACTTTTTAGTAATATCTGACAGATAGCCTCTTACCCAGACTTTCCAGGGCTCTCTTCAAGGCTGG
CTCTGCGCGTGTGACAGTCTCTTACAGTCATGTGTTATCATTAGGAGTGTGAATGGAATCATGAAC
CGGAGTAGCCACACAACCTTACA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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).



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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_003720.4
Summary:	Chaperone protein which promotes assembly of the 20S proteasome as part of a heterodimer with PSMG2. The PSMG1-PSMG2 heterodimer binds to the PSMA5 and PSMA7 proteasome subunits, promotes assembly of the proteasome alpha subunits into the heteroheptameric alpha ring and prevents alpha ring dimerization.[UniProtKB/Swiss-Prot Function]
Locus ID:	8624
MW:	31.8