

Product datasheet for **SC330968**

PSMD6 (NM_001271780) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PSMD6 (NM_001271780) Human Untagged Clone
Tag: Tag Free
Symbol: PSMD6
Synonyms: p42A; p44S10; Rpn7; S10; SGA-113M
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330968 representing NM_001271780.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

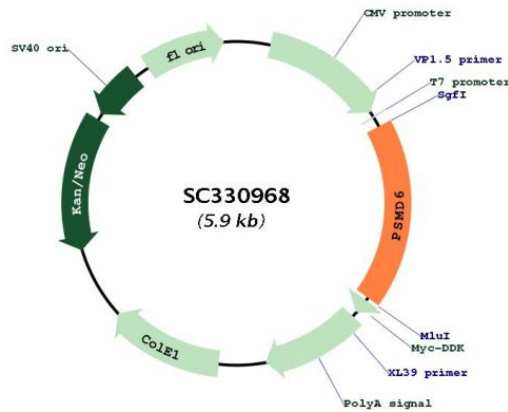
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GATGAGGAGCTGGAAGATGCAGAGAAGAATCTAGGAGAGAGCGAAATTCGCGATGCAATGATGGCAAAG
GCCGAGTACCTCTGCCGGATAGGTGACAAAGAGGGAGCTCTGACAGCCTTCGCAAGACATATGACAAA
ACTGTGGCCCTGGGTACCGATTGGATATTGTATTCTATCTCCTTAGGATTGGCTTATTTTATATGGAT
AATGATCTCATCACGAAACACAGAAAAGGCCAAAAGCTTAATAGAAGAAGGAGGAGACTGGGACAGG
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CTTCTCCTTGACACTGTTTCAACATTTACATCCTATGAACTCATGGATTATAAAACATTTGTGACTTAT
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ATTCTTGAAGTGTTCACAGTCTTCCAGCAGTTCGGCAGTATCTGTTTTCACTCTATGAATGCCGTTAC
TCTGTTTTCTTCCAATCATTAGCGGTTGTGGAACAGGAAATGAAAAGGACTGGCTTTTTGCCCTCAT
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ACCCTTGGCTATATGGCAGAAGCGTTTGGTGTGGTGTGGAATTCATTGATCAGGAAGTCCAGGTTT
ATTGCTGCCGGGAGACTACACTGCAAAATAGATAAAGTGAATGAAATAGTAGAAACCAACAGACCTGAT
AGCAAGAAGTGGCAGTACCAAGAAACTATCAAGAAAGGAGATCTGCTACTAAACAGAGTTCAAAAACCT
TCCAGAGTAATTAATATGTAA
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Restriction Sites: SgfI-MluI



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Plasmid Map:



ACCN: NM_001271780

Insert Size: 1056 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001271780.1](#)

RefSeq Size: 1367 bp

RefSeq ORF: 1056 bp

Locus ID: 9861

UniProt ID: [Q15008](#)

Cytogenetics: 3p14.1

Protein Pathways: Proteasome

MW: 41.3 kDa

Gene Summary: This gene encodes a member of the protease subunit S10 family. The encoded protein is a subunit of the 26S proteasome which colocalizes with DNA damage foci and is involved in the ATP-dependent degradation of ubiquitinated proteins. Alternative splicing results in multiple transcript variants [provided by RefSeq, Nov 2012]

Transcript Variant: This variant (3) uses an alternate 5' exon, lacks an exon in the coding region and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (3) is shorter than isoform 1.