

Product datasheet for SC322859

PSMG4 (NM_001128592) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PSMG4 (NM_001128592) Human Untagged Clone
Tag:	Tag Free
Symbol:	PSMG4
Synonyms:	bA506K6.2; C6orf86; PAC4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC322859 representing NM_001128592. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGAGGGGCTGGTTGTCGCCGCCGGGGACGTCTCCCTGCACAATTTCAGCGCAGGGCTGTGGGAG
 CAGCTGGTCCACTTCCACGTCATGCGGCTGACGGACTCGTGTTCTGTGGGTGGGGCCACGCCGCAC
 CTGCGCAACCTCGCCGTGGCCATGTGCAGCCGCTACGACTCCATCCCCGTGTCTACCTCCCTCCTTGA
 GACACTTCGACACGACCTCTACTGGCCTTGCCAGCGCCTAGGGCTCGGAGGGAAGACTGGCCTGGCC
 TGTGAGTGTGGCGTAGAGTGGGATTAAGCAAAGGTCATGAGGCTGAATGCTCCACTTTCCACACCC
 CAACACACTTCCTGTGGGCCAGCCAGGAAGACCAACAACAGGTGTTTGTGAGCTATAACCTTCAGAAC
 ACAGACAGTAACCTCGCATTACTTGTAGAAAACAGGATCAAGGAAGAGATGGAGGCTTTCCCGAAAAG
 TTCTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001128592
Insert Size:	489 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).


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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none"> 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:	<u>NM_001128592.1</u>
RefSeq Size:	938 bp
RefSeq ORF:	489 bp
Locus ID:	389362
UniProt ID:	<u>Q5JS54</u>
Cytogenetics:	6p25.2
MW:	17.7 kDa
Gene Summary:	<p>Chaperone protein which promotes assembly of the 20S proteasome.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).</p>