

Product datasheet for **RR206128**

Psma3 (NM_017280) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Psma3 (NM_017280) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Psma3
Synonyms: Psma3l
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR206128 representing NM_017280
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGCTCCATTGGCACTGGGTATGACCTGTCAGCCTCTACATTCTCTCCTGATGGAAGAGTTTTCCAAG
TTGAATATGCTATGAAGGCTGTGAAAACAGTAGTACAGCTATTGGGATCAGATGTAAGATGGTGTGT
GTTGGGGTAGAAAACTAGTCCTTTCTAACTTTATGAAGAAGGCTCCAATAAACGTCTTTTCAATGTT
GATCGACATGTTGGAATGGCAGTGGCAGGTTTGTGGCAGATGCTCGTTCCTTGGCAGACATAGCAAGAG
AAGAAGCGTCCAACCTTAGGTCTAACTTTGGCTATAACATTCTCTAAAACATCTTGCAGACAGAGTGGC
CATGTATGTACACGCGTATACACTCTACAGTGTGTTAGACCTTTTGGCTGCAGTTTCATGTTGGGGTCT
TACAGTGTGAATGATGGTGCACAGCTCTATATGATCGATCCATCAGGTGTTTCATATGGTTACTGGGGCT
GTGCCATTGGCAAAGCCAGGCAAGCTGCAAAGACAGAAATAGAAAAGCTTCAGATGAAGGAAATGACCTG
CCGTGATGTAGTTAAAGAAGTTGCAAAAATAATTTACATAGTACATGATGAAGTTAAGGATAAAGCTTTT
GAACTAGAGCTCAGCTGGGTTGGTGAATTAACAAAGGAAGACATGAAATTGTTCCCAAAGACGTAAGAG
AGGAAGCAGAGAAATATGCCAAGGAATCTTTGAAGGAAGAAGATGAATCAGATGACGACAATATG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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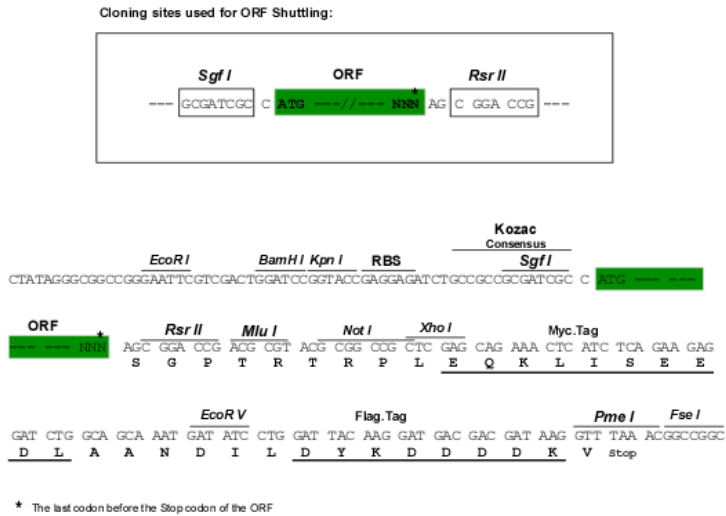
Protein Sequence: >RR206128 representing NM_017280
 Red=Cloning site Green=Tags(s)

MSSIGTGYDLSASTFSPDGRVFQVEYAMKAVENTSSTAIGIRCKDGVVFGVEKLVLSKLYEEGSNKRLFNV
 DRHVGMVAVAGLLADARSLADIAREEASNFRSNFGYNIPLKHLADRVAMYVHAYTLYSAVRPFGCSFMLGS
 YSVNDGAQLYMIDPSGVSYGYWGCAIGKARQAATEIEKLMKEMTCRDVVKEVAKIIYIVHDEVKDKAF
 ELESWVGELTKGRHEIVPKDVREEAEKYAKESLKEEDSDDDNM

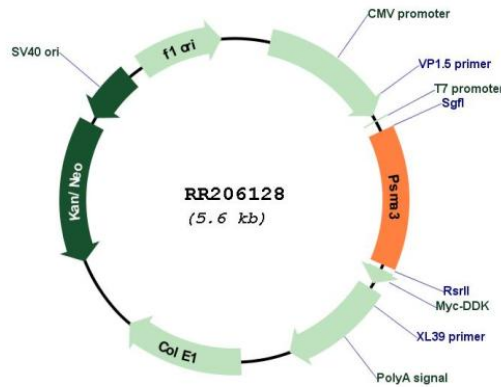
SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-RsrII

Cloning Scheme:



Plasmid Map:



ACCN: NM_017280
ORF Size: 765 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_017280.2 , NP_058976.1
RefSeq Size:	1993 bp
RefSeq ORF:	768 bp
Locus ID:	29670
UniProt ID:	P18422
Cytogenetics:	6q24
MW:	28.4 kDa
Gene Summary:	component of the proteasome multicatalytic proteinase complex [RGD, Feb 2006]