

Product datasheet for **RR205814**

Psma7 (NM_001008217) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Psma7 (NM_001008217) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Psma7
Synonyms: MGC156537
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR205814 representing NM_001008217
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCTACGACCGCCATCACCGTCTTCTCGCCGACGGCCACCTCTCCAAGTGGAGTACGCGCAGG
AGGCGGTCAAGAAGGGCTCCACCGCGTGGTGTTCGAGGAAGGGACATTGTTGTTCTTGGTGTGGAAA
GAAGTCGGTGGCCAAGCTACAAGATGAAAGAACGGTCCGAAAAATCTGTGCTCTGGACGATAATGTCTGC
ATGGCCTTTGCAGGTCTCACTGCCGATGCAAGGATAGTCATCAACAGAGCCAGGGTAGAGTGCCAGAGCC
ACCGGCTGACCGTGGAGGACCCAGTGACTGTGGAGTACATCACCCGCTACATTGCCAGTCTGAAGCAGCG
TTACACACAGAGCAATGGGCGCAGGCCATTTGGTATCTCTGCCCTAATTGTGGGTTTCGACTTCGATGGC
ACCCCCAGACTCTATCAGACTGACCCCTCAGGCACATACCATGCTTGAAGGCCAATGCCATAGGCCGGG
GTGCCAAGTCGGTGCCTGAATTTCTGGAGAAGAACTACACAGATGATGCCATTGAAACAGACGATCTGAC
CATCAAATGGTATCAAGGCGCTGCTGGAAGTGGTCCAGTCAGGTGGCAAAAACATTGAACTTGCTGTC
ATGAGGCGGGATCAGCCCTCAAGATTCTAAGTCTGAAGAAATTGAGAAGTATGTTGCTGAAATCGAGA
AGGAGAAAGAAGAAAATGAAAAGAAGCAGAAGAAAGCATCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR205814 representing NM_001008217
Red=Cloning site Green=Tags(s)

MSYDRAITVFPDGHLFQVEYAQEAVKKGSTAVGVRGRDIVVLGVEKKSVAKLQDERTVRKICALDDNV
 MAFAGLTADARIVINRARVEQCQSHRLTVEDPVTVEYITRYIASLKQRYTQSNRRPFGISALIVGFDFD
 TPRLYQTDPSGTYHAWKANAIGRAKSVREFLEKNYTDDAIETDDLTIKLVIKALLEVVQSGGKNIELAV
 MRRDQPLKILSPEEIEKYVAEIEKEKEENEKQKAS

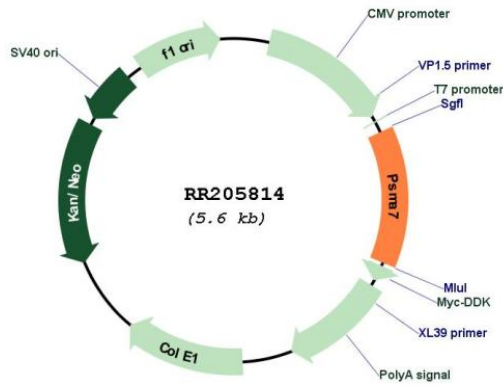
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001008217
ORF Size: 744 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_001008217.1 , NP_001008218.1
RefSeq Size:	908 bp
RefSeq ORF:	747 bp
Locus ID:	29674
Cytogenetics:	3q43
MW:	27.9 kDa
Gene Summary:	human homolog may facilitate internal ribosome entry site mediated translation and replication of hepatitis C virus [RGD, Feb 2006]