

Product datasheet for **RR210746**

Psmc3ip (NM_134458) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Psmc3ip (NM_134458) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Psmc3ip
Synonyms: Gt198; Tbpip
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR210746 representing NM_134458
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTAAAAGCCGGGCCGAAGCTGCGGCTGGAGCCCCGGGATCGTCCTAAGGTACCTGCAGGAACAAA
ACCGGCCCTACAGCGCCAGGACGTGTTTCGGGAACCTGCAGAAGGAACATGGACTGGCAAGCGCGCGGT
GGTGAAGGCACTCGATCAGCTGCCCCAGCAAGGCAAGATCAAAGAGAAGACTTACGGCAAGCAGAAGATA
TATTTTGCCGATCAGGACCAAGTTTACACAGTGTGATGCGGACCTCCACAGTCTGGATGCCAGTATCA
TGGCCCTCACTGCCAAGGTGCAGGGCTTACAGCAGAGCTGCCGGCACATGGAGGCTGAGCTGAAGGAATT
AACAAAGTGCCTGACCACTCCTGAGATGCAGACAGAGATTGAGGAGTTGAAGAAGGAGTGTCTCGCTAC
ACAGAGAGACTGAAAAACATCAAAGCAGCTACCAACCATGTCACTCCAGAAGAGAAGGAGAAGGTGTACA
GGGAGAGACAGAAGTACTGTAAGAGTGGAGGAAGCGGAAGAGAATGACCACAGAGCTGTGCGATGCGAT
CCTTGAAGGTTACCCCAAGAGCAAGAAGCAGTTCTTTGAAGAAGTTGGGATAGAGACAGATGAAGATCAT
AATGTTACGCTCCAGACCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR210746 representing NM_134458
 Red=Cloning site Green=Tags(s)

MSKSRAEAAAGAPGIVLRYLQEQRNPYSAQDVFQNLQKEHGLGKAAVVKALDQLAQQGKIKEKTYGKQKI
 YFADQDQFDTVSDADLHSLDASIMALTAKVQGLQQSCRHMEAELEKELTSALTPPEMQTEIQELKKECARY
 TERLKNIKAATNHVTPPEEKVYRERQKYCKEWRKRKRMTTELCDAILLEGYPKSKKQFFEEVGIETDEDH
 NVTLPDP

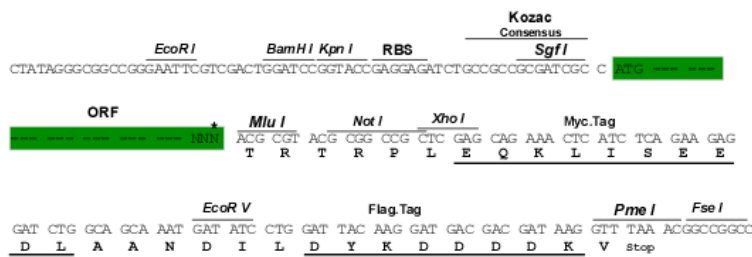
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

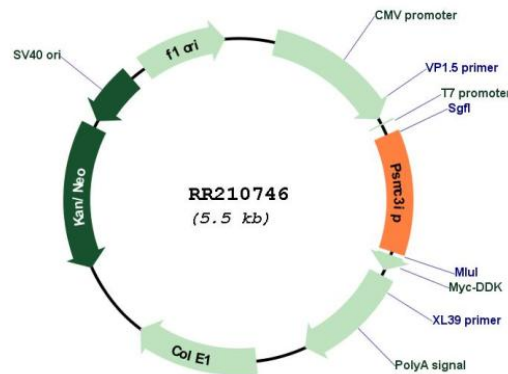
Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: NM_134458

ORF Size: 651 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_134458.2 , NP_604453.2
RefSeq Size:	936 bp
RefSeq ORF:	654 bp
Locus ID:	140938
UniProt ID:	Q91ZY6
Cytogenetics:	10q31
MW:	24.8 kDa
Gene Summary:	interacts with nuclear receptors, estrogen receptor alpha and beta, thyroid hormone receptor beta1, androgen receptor, glucocorticoid receptor, and progesterone receptor [RGD, Feb 2006]