

Product datasheet for **RR207576**

Psmid10 (NM_053925) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Psmid10 (NM_053925) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Psmid10
Synonyms: p28Gank
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR207576 representing NM_053925
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGGGTGTGTGCTAACCTAATGGTCTGTAACCTGGCCTACAACGGGAAGCTGGATGAGTTGAAGG
AAAGCATTTTGGCTGATAAGTCTCTGGCCACTAGAACTGATCAGGACAGCAGAACAGCATTGCCTGGCC
ATGCTCAGCTGGTCATACAGAAATTGTTGAATTCTTGCTGCAACTGGAGTGCCAGTAAATGAAAAAGAC
GATGCAGGTTGGTCTCCTCTTCATATTGCTGCTCCGCTGGCCGGGATGAGATTGTAAAAGCCCTTCTGA
TAAAAGGGGCACAAGTGAATGCCGTCATCAGAATGGCTGCACGGCCCTCATTATGCAGCTTCCAAGAA
TAGGCATGAGATTGCTGTTATGTTACTAGAAGGTGGGGCTAATCCAGATGCTAAGAACCATTATGATGCT
ACAGCAATGCACCGGGCAGCAGCCAAGGTAACCTTGAAGATGGTTCATATCCTTCTGTTCTACAAAGCAT
CCACAAACATCCAAGATACTGAGGGTAACACTCCTCTACACTTAGCCTGTGATGAGGAGAGAGTGGAGA
AGCAAAATTGCTGGTGACCCAAGGAGCAAGTATTTACATTGAAAATAAGGAAGAAAAGACACCGCTGCAA
GTCGCCAAAGGGGCCTGGGTTAATACTCAAAGAATCGCAGAAAGTGAAGAGGCTTCTATG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

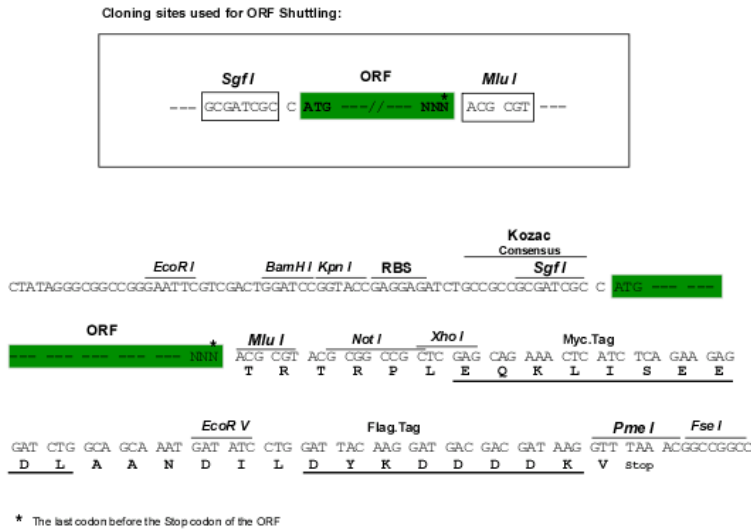
Protein Sequence: >RR207576 representing NM_053925
 Red=Cloning site Green=Tags(s)

MEGCVSNLMVCNLAYNGKLDLDELKESILADKSLATRTDQDSRTALHWACSAGHTEIVEFLLQLGVPVNEKD
 DAGWSPLHIAASAGRDEIVKALLIKGAQVNAVQNQCTALHYAASKNRHEIAVMLLEGGANPDAKNHYDA
 TAMHRAAAKGNLKMVHILLFYKASTNIQDTEGNTPLHLACDEERVEEAKLLVTQGASIYIENKEEKTPLQ
 VAKGGLGLILKRIAEESEASM

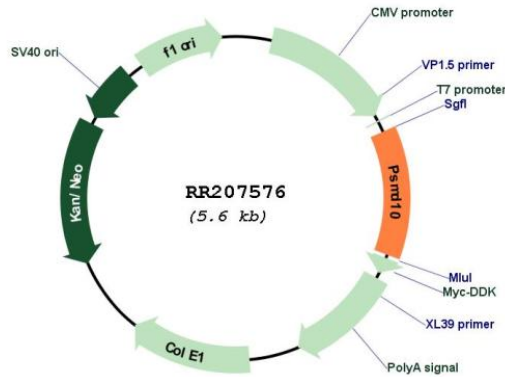
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_053925

ORF Size: 693 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_053925.1 , NP_446377.1
RefSeq Size:	696 bp
RefSeq ORF:	696 bp
Locus ID:	116722
UniProt ID:	Q9Z2X3
Cytogenetics:	Xq33
MW:	25 kDa
Gene Summary:	a gankyrin homologue which contains ankyrin repeats [RGD, Feb 2006]