

Product datasheet for **RR204977**

Pgap3 (NM_001143895) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Pgap3 (NM_001143895) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Pgap3
 Synonyms: PerId1
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RR204977 representing NM_001143895
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCAGGCGGACGGCGCCGCTGCTGCTGCTAACCTTGGCAGTGGGACTCGCAGGGAGTCCCAGGGCG
 ACCGCGAGCCGGTGTACCGGACTGCGTGTGCGGTGCGAGGAACGGAAGTTCGGGGGACGCACTGAA
 GCACTTCCGCTCCCGCCAGCCAATCTACATGAGCCTAGCTGGCTGGACTGTTCGGGACGACTGCAAGTAT
 GAGTGTATGTGGCTCACTGTTGGTCTCTATCTTCAGGAGGGCTACAGAGTGCCTCAGTTCATGGCAAGT
 GGCCCTTCTCCCGGTTCCCTGTTCAATCCAAGAGCCAGCTTCTGCCCTGGCCTCGCTCCTCAATGGCCTGGC
 CAGCCTGGTGATGCTCTGTGCTATCGCGCCTCCGTGCCAGCCTCCTCCCCATGTACCACACCTGCATG
 GCCTTCGCTTGGGTGCTCTCAATGCTTGGTCTGGTCCACAGTCTTCCATACCAGGGACACTGACCTCA
 CAGAGAAGATGGACTACTTCTGTGCTTCAGCCGTATCCTGCATTCTGTTACCTGTGCTGTGTCAGGAC
 CGTGGGACTGCAGCACCCGACCGTGGCCAGTGCCTTCGGTGCCTGCTGCTGCTGCTGACAGGACAC
 ATCTCCTACCTGAGCCTTGTCATTTGACTACGGCTACAATATGATGGCCAATGTGGCTATAGGCCCTGG
 TGAACTGGCGTGGTGGCTGGTCTGGTGCCTACGGAACCCGGCGCCTACCTCACACCCGAGGTGAT
 GGTGGTGGTGGTGTGCTGCTGAGGGGCTGCCCTGCTGGAGCTGCTGACTTCCCTCCCTCTTCTGGGTG
 CTGGATGCTCATGCCATCTGGCACATCAGCACCATCCCGTCCACACCCTCTTCTCAGATTTCTGGAAG
 ACGACAGCCTATACTACTGAAGGAATCTGAAGCTATGTTCAAGCTGGAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR204977 representing NM_001143895
Red=Cloning site Green=Tags(s)

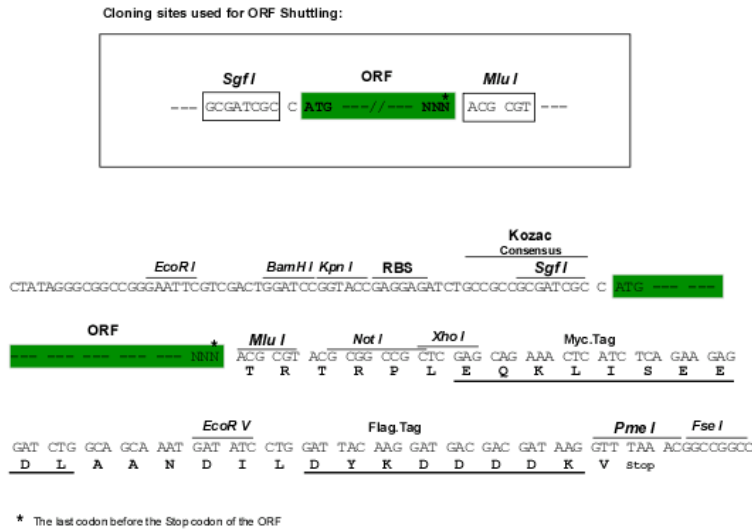
MARRTAPLLLLTLAVGLAGSSQGDREPVYRDCVLRCEERNCSGDALKHFRSRQPIYMSLAGWTCRDDCKY
 ECMWLTVGLYLQEGYRVPQFHGKWPFSRFLFIQEPASALASLLNGLASLVMLCRYRASVPASSPMYHTCM
 AFAWVSLNAWFSTVFHTRDLDLTKMDYFCASAVILHSVYLCCVVRTVGLQHPPTVASAFGALLLLLLTGH
 ISYLSLVHFDYGYNMNMANVAIGLVNLAWWLVWCLRNHRRRLPHTRRCMVVVVLLQGLSLELLDFPPLFW
 LDAHAIWHIISTIPVHTLFFRFLEDDSLYLLKESEAMFKLD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

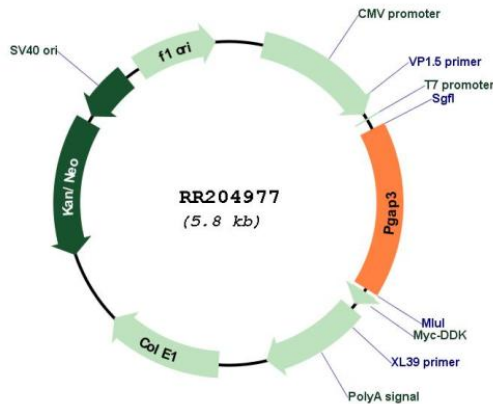
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001143895

ORF Size: 960 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_001143895.1 , NP_001137367.1
RefSeq Size:	2328 bp
RefSeq ORF:	963 bp
Locus ID:	688174
Cytogenetics:	10q31
MW:	36.7 kDa