

Product datasheet for **RR209435**

Pop5 (NM_001105752) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pop5 (NM_001105752) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Pop5
Synonyms: Rnasep3; rpP2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR209435 representing NM_001105752
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTGGGTTCAAGCACAGGTACCTTCTGTGCGAGCTGGTGTCCGAGGACCCGGCTGCCGCTGAGCC
TGGACGACCGGTGCTGGGCGGGCTCGTCCGGACACGATCGCCGGGTGCACGGGGCTTCGGCGCCGC
CGCCTGCTCCGTGGCTTTGCAGTTAGATACCTCAATGCTTACACTGGAGTAGTGCTGCTTCGATGCCGA
AAGGATTTCTACCAGCTCGTGTGGTCACTCTTCTTTCATCACGTGTTGGAGAACAAGGACACCGTT
ACTCGTGCTTCTCAACACATTACATGTGGGAGGTACCATTAGAACCTGTGAGAAGTTCTTGATCAGTA
CAACAGGAGACAGCTGTTGGTCTTGTGCAGAACTACCCGATGAAGGAGAGCGGGAAGCCATTAAGAAG
TCTGTCTCAAGAAGCTGTCTGCTGGACAGAGAGTCGGTTGAAGAGCTTTCGGACAGTGCTGGGGAGGAGG
CTGCAGAGGCAATGGAG

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR209435 representing NM_001105752
Red=Cloning site Green=Tags(s)

MVRFKHYRLLCELVSEDPRLSLDDRVLGGLVRDTIARVHGAFGAAACSVGFVRYLNAYTGVLLRCR
KDFYQLVWSALPFITCLENKGHRYSCFFNTLHVGGTIRTCQKFLIQYNNRQLLVLLQNYTDEGEREAIKK
SVSRSCLLDRESVEELSDSAGEEAAEAME

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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:	<u>NM_001105752.2</u> , <u>NP_001099222.2</u>
RefSeq Size:	1439 bp
RefSeq ORF:	510 bp
Locus ID:	117241
Cytogenetics:	12q16
MW:	19.2 kDa