

Product datasheet for **RR203955**

Sap18 (NM_001033685) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sap18 (NM_001033685) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Sap18
Synonyms: MGC125107
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR203955 representing NM_001033685
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTCGCCGAGGGTTCGGAGGTTCAGGGCGAGCGTCTCCGGGCCGAAGGAGGAAGATGGCGGTGAAT
 CGCGCGTTACCCAGGAGGAAATTAAGAAGGAGCCGGAGAAAGCCGATCGACCGCGAGAAGACTGCCCGT
 GCTGCTCGGGTCTTACCACCAACAACGGCCGCCACCACCGAATGGACGAGTTCTCCCGGGGAACGTG
 CCTTCGAGCGAGCTGCAGATCTACACCTGGATGGATGCAACCTTGAAAGAACTGACTAGTTTAGTAAAGG
 AAGTCTACCCAGAAGCCAGAAAGAAGGGCACGCACTTCAATTTTCAATTGTTTTATGGATCTTAAAG
 ACCTGGATATCGAGTTAAAGAGATTGGCAGCACCATGTCTGGCAGGAAGGGCACTGATGACTCCATGACC
 CTGCACTCACAGAAGTTCCAAATAGGGATTATTTGGACATAGCCATCACGCCTCCAAATCGGGCACCA
 CTTTCGTCAGGGAGGATGAGACCGTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR203955 representing NM_001033685
 Red=Cloning site Green=Tags(s)

MLAAGVGGQGERLPGRRRKMAVESRVTQEEIKKEPEKPIDREKTCPLLLRVFTTNNGRHHRMDEF SRGNV
 PSELQIYTWMDATLKELTSLVKEVYPEARKKGTDFNFVAIVFMDLKRPGYRVKEIGSTMSGRKGTDDSM
 LQSQKFQIGDYLDIAITPPNRAPPSSGRMRPY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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| 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_001033685.2</u> , <u>NP_001028857.2</u> |
| RefSeq Size: | 770 bp |
| RefSeq ORF: | 519 bp |
| Locus ID: | 290284 |
| Cytogenetics: | 15p12 |
| MW: | 19.6 kDa |