

Product datasheet for RR202952

Acp6 (NM_001031645) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Acp6 (NM_001031645) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Acp6
Synonyms: MGC116276
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR202952 representing NM_001031645
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCGCGTGTGGGCCCCGTGGGTGTCTGGCTTCTCTGGCTTACTGCTCCACCAGCGGAGGGTGGCTC
TGGCCGAGCAGCGGGCGCGGTGGACCGCAACTACTGGAGCTGAAAATGGTGCAGTGGTGTTCGACA
CGGGGCACGGAGTCCGCTCAAGCCGCTCCCGCTGGAGGACCAGGTGGAGTGAACCCCAAGCTTTAGAG
ATCCCTCCTCAAACCTCGTTTGTAGTACACTGTCGCAATCTAGCTGGGGGCCGAAACCTCATTCTCATT
ACGACACTGAATACCACAGGACCGTCTTGAGGGTGGCATGTTTGTGGGAGCTGACCAAGGTGGGCAT
GCAGCAGATGTTTGCCTTGGAGAGAGACTGAGGAAGAATTACGTGGAAGATATCCCTTCTTTTCGCCA
ATCTACAACCCACAAGAGGTCTTCGTTCCGCTCCACCAACATGTTTCGGAATCTGGAATCTACTCGGTGCT
TGCTGGCTGGGCTTTTCCAACGTCAGAAAGAATCTGTATCATCCATACCGATGAGGCAATCTCTGAAGT
CCTGTACCCCAACTATCAGAGCTGCTGGAGCCTGAGAGAGAAGACCAGGGGCCGGAAGAAGGCTGCCATT
TCTCAGCCAGGCATCTTGAGGATTTGGAAAAGGTGAAGGCTGGGTGGGCATCGCCGACAGTGACAACG
TGGACTTCTTCTCCTGGACAACATGGTTGCTGAAGAGGCACACGCCTTCTAAGCTCCCGGCAT
GAAGAGATTTGCCAGCTGATTGAGCAGAGAGCTGTGGACATGGCCTTGTACATGCTGCAACAGGAAGAC
AGGAAAAGTATCCAGATGGCCGTGGGCCATTCTCTACATCCTGGAGGAAACCTGCTCAAAGCTGTGG
ACCTTCCACCCACCCAGCAAGACCAGGAAGATGTACCTCTATGCAACGCACGATGTAACCCTCTGCC
TATGCTGTTGGCCTTGGGATTTTGAACAAGTGGCCCCGTTTGTGTTGACCTGACCGTGGAACTC
TACCAGCACCAAGAATCTAAGGAGTGGTTTGTGCGGCTCTCTACAACGGGCAGGAGCAAGTACCAAGAG
GCTGCCCCGACAAGCTCTGTCCACTGGACAAGTCTTGAACACCATGTCAGCTTACTCTGTGAGCCAGA
AAAATACCGAAGACTGTGCTCCCAAACCGATAATGAACTTGGAGAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR202952 representing NM_001031645
Red=Cloning site Green=Tags(s)

MRVWAPVGVLASLAYCFHQRRVALAEQRAPVDRNLLLELKMVQVVFRHGARSPLKPLPLEDQVEWNPKLE
 IPPQTRFEYTVANLAGGPKPHSHYDTEYHRTVLRGGMAGQLTKVGMQQMFALGERLRKKNYVEDIPFLSP
 IYNPQEVFVRSTNMFNRNLESTRCLLAGLFQRQKESVIIHTDEAISEVLYPNYQSCWSLREKTRGRKKA
 SQPGILEDLEKVKAGVGIADSDNVDFILLDNMVAEEAHSLLSSPALKRFAQLIEQRAVDMALYMLQVED
 RESIQMAVGPFLYILEGNLLKAVDPSTPPSKTRKMYLYATHDVTLLPMLLALGIFDNKWPFFAVDLTVEL
 YQHQESKEWFVRLSYNGQEQVPRGCPDKLCLDKFLNTMSAYSVSPEKYRRLCSQTRIMELGE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

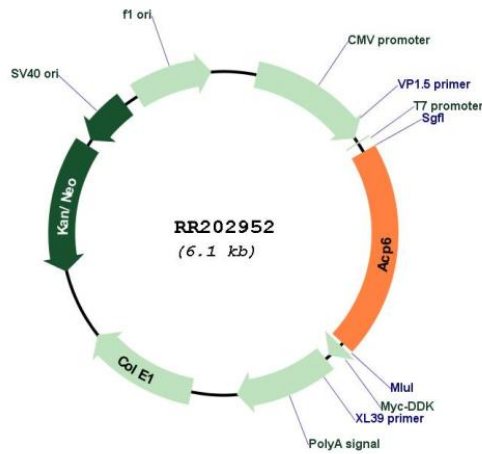
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001031645

ORF Size:	1239 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_001031645.1 , NP_001026815.1
RefSeq Size:	1336 bp
RefSeq ORF:	1242 bp
Locus ID:	295305
Cytogenetics:	2q34
MW:	47.3 kDa