

Product datasheet for **RR203456**

Angptl1 (NM_001109383) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Angptl1 (NM_001109383) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Angptl1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR203456 representing NM_001109383
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGACTTTTGTCTGGATCCTAAGTGTGGTACTCTTCCTACTGGGCATTGGTCACTGCAAAGGAGGAC
AATTCAAAATAAAAAACAACCCAAAGGAGATATCCCCGTGCTACAGATGGTAAAGAGGAAACAAAGAA
ATGTTTCATATACATTCTTGGTACCCGAACAGAAAATAACAGGGCCAATCTGTGTCAACACCAAAGGTCAG
GATGCGGGCACTATTAAGACATGATCACCAGGATGGACCTTGAGAACCTGAAGGATGTGCTCTCTAGGC
AGAAACGAGAGATAGATGTCCTGCAGCTGGTGGTGGATGTGGATGGGAACATTGTGAATGAGGTGAAGCT
GCTGAGAAAGGAGAGCCGGAACATGAACTCCAGAGTCACTCAACTCTATATGCAGCTACTACATGAGATC
ATCCGTAAGAGAGATAACTCACTCGAACTTTCCAGCTGGAAAACAAAATCCTCAATGTCACCACAGAAA
TGCTCAAGATGGCAACACGATACCGGGAGCTAGAGGTGAAATATGCTTCCTTGACTGATCTTGTCAATAA
CCAGTCTGTGATGATCACTGTACTGGAAGAGCAGTGCTTGAGGCTATTTCCCGACAAGACCCCCACGTG
TCTCCCCCTCTTGTCCAGGTGGTACCACGACACATTCCTAACAGCCACCAGGACACCCTGGTCTGCTGG
CAGGCAATGAGATACAGAGGGATCCAGGTTATCCAGAGACTTAATGCCACCACCTGATCTGGCAACAGC
TCCCACAAAAGCCCTTTCAAGATTCAGCAGTGACTTTCATCAATGAAGGTGAGTTACCGTTTCCTGGT
CAATGGAAGAACGAAGCTGCCATGCTGTACAATCCATGCGACAATACTCTTAGAACGTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR203456 representing NM_001109383
Red=Cloning site Green=Tags(s)

MKTFVWILSVVLFLLGIGHCKGGQFKIKKTTQRRYPRATDGKEETKCSYTFVLVPEQKITGPICVNTKGQ
 DAGTIKDMITRMDLENLKDVL SRQKREIDVLQLVVDVDGNIVNEVKLLRKE SRNMNSRVTQLYMQLLHEI
 IRKRDNSELSQLENKILNVTTEMLKMATRYRELEVKYASLTDLVNNQSVMITVLEEQLRFLSRQDPHV
 SPPLVQVVPRHIPNSHQDTPGLLAGNEIQRDPGYPRDLMPPDLATAPTKSPFKIPAVTFINEGELPFPG
 QWKNEAAMLYNPCDNTLRTS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

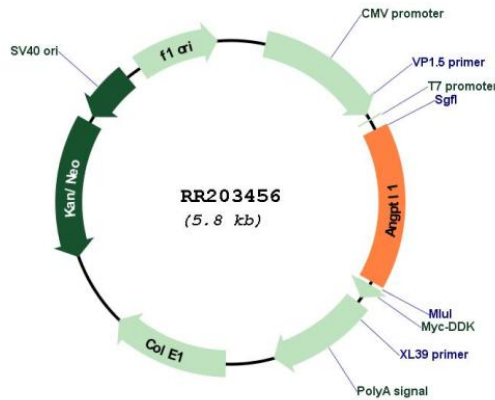
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001109383

ORF Size:	900 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_001109383.1 , NP_001102853.1
RefSeq Size:	1306 bp
RefSeq ORF:	903 bp
Locus ID:	679942
Cytogenetics:	13q22
MW:	34.2 kDa