

Product datasheet for **RN215443**

Apobr (NM_001109154) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Apobr (NM_001109154) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Apobr
Synonyms:	Apob48r; RGD1565169
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN215443 representing NM_001109154
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGATTTTCTCCGGCTTCGTCTCCCTGGGCTACATCAGGCTTTGAGGGGAGCACTGGATTCTTCAGTG
 CTTTTGTGTCCTACCTCATTGGAGACACAGTCCCCACCGTAGAGAGGCAGCCACAGGCAGCTGAGGAAC
 GGGGAGGTGACTGAAGGGAAGGTTGTAGGGGAGGAAACCCAGGAGTACTGGATGGACTTGAAGTGGC
 CAGAGTGAGAGGGTAGGAGCACCTGAAGAGTCCATAAGATGCCAAGAAGGAAGTTTACTGGTGAACAGA
 CCTGGGAGTGAGAGCAGATAGTTCCACAAGGCCCGAGCAGAAAGCAGGACACTGGGTCCAGGAAGGC
 AGCTGAGGGGCCAGGGGCCAGGAGCCAAAGTGTCTCGTTAAGCCTGAGGCAGAGCGTGGAACTCTCAGA
 GACAGGAGCAGTGATATAGCCAGGAGCTCTGGGAGCATGGTGAAGGGAAGCGAGCAATGGGAGCTGC
 TGAGAACCTGTAACAGAAAGGAAGAGGAGGTGGTCAAAGCAGAGGTGGTCAAAGCAACAGAGCCAGG
 GATGGCCAGAGGGGTGGAGTACAGCCAACTGGCACAGCAAGCCTGAGGAGAGTGCTGGCACTGAGGGG
 CAGAATGTGACAGATGACCGCAAAGAGATAGACTGTGTGGCCAAAGACGTAGTTGCAGAAGTCGAGTGGT
 TTGGTGCCAAAGGGGCTGACAAGGAAGAAGAGAGGATGGTTCCAAGTGGCCAAAGTGAAGGGC
 ACAGGGGACACAATGCCAGGGGAGAGTCTGAGGACTGGGCCATGTTGAGTAGAGAGGCCTGGACAGTC
 TCAGGTAGGGAGGAGGCTGATAACCTAGGAATTCAGGAAGCAGAAATATGGGTGAGACCCAGGAGACAACA
 TCCAGAAAGCTACTGGGAGAGTCTGGGTCTAGAAGAGGCTGGCAAGGGAGACCAGCAGGATGAGGTTGA
 CGAGAAGAGAGAGGCTGAAGCTAGGCTTCTGATCCAGACCTGGGAGGCCGAGAGAACCGGAGAGATGACT
 GAAGGCCAGATAGCCAGAAGCGGGCTGTGGGCGACCAGGAGACAGGGGACAGCTTTGAGGATGAGGAGA
 GGCAAGACTTAGCCACCAGGGATAATGGAGTGAGTCTGGAAGAGGAGGTGCAAGCAAAAGAAATCCTCCAG
 GGAGAAAAGGAGCCACTGGGCCACAGAGGCTATACTAGTCTCAGACACGGGGTTAAAGATGAACCTGAC
 AGGGAAGACTCTCCAGGAGCCAAGACTGAGGAGTTGTTTGTGGGAGAGAAGAGTGAAGCAGTTTCAGATGA
 CACCAGAGGAATCGAGAGTAAAGGTGCTGAAGGACAGGAGCTTGAGCTGGAGATTATTGTGGGTACAG
 GACTGTGGACGCCGAGGAAGGGCCAAGATGGGAAGGTGGGTTGGCTCCAGACATGGAGCTCGGAAAAGCC
 TGGTATTCGAGGGCAGAGAGGAGGCTGGGAGAGACACAGAGCTGGAGGAGGCTACGGAGAAGCAAAGTG
 GACAGGAAGTTGGTTTGGAGGACTCAGCAGAGGAGAAGGTGTCTGGCTATGACACCAAGAAACGGATGG
 GATGGGAGAGGGGAGCAGGTACAGATGGAGACATCTGTAATGGCAGAAGGAATAAGGGGGCAGATGGT
 GTGACTTTAGGTTCCAGGCAGAGAGCAGAGGGGTCCAAAACCATGGAGACTGAGCAGCTCCTAA
 GAGATCAGATACTGTTGAAAGAAGAGGCTGGGGGAGGGCAGTCCCGAGAGCCGAAGGGCCACATCTCAGA
 GGGAGAGATCCAAAAGCTACAAGAGGAGGAGGACGCCAGGATCGGAGCACAGAGGACAGAGATCCAGGAG
 ACCTATCCAGGTCTGGACGACTCTTCAGGCCAGGAGGGGAGCAGACACTCCAAATCCCCACAGTAGCTA
 TGCCTGGCCCCCTCAGAATCAGCTGAGGCCACAGCAGGCGCCCCAGGGGACGTTTCAGCAACTGGAACGA
 GGCCCCGCTCCCTGGGTCCCGCTGGATGTCTCTGTCCCTCGGAGTCGTGTGCTCCTCTCACGAAGTTCC
 TCACGGCGGCGCTCAAGGCCTTCTTTCCGACGAATCTCTGTTCTGAGCCACAGTGGGACCCTCCAGTC
 CCCAACCCAGGAAGAGCTGCCATTTCTGAGCAGTCCCTCCTCGCTAGAGGAAATCCAGAGCTAAG
 TGCCACAAAGCCGAGGGGACTCCAGTGCCAGTCAGAAGAAAAGTGCTGGGACAAGGGTTTGGCTTCGCT
 CATCCTGGCATGATGCAGGAGCTGCAAGCCCGACTGAGCCAGCCAAAGCCACAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001109154
Insert Size: 2367 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	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_001109154.1, NP_001102624.1</u>
RefSeq Size:	3481 bp
RefSeq ORF:	2367 bp
Locus ID:	499264
Cytogenetics:	1q36