

Product datasheet for RN212920

Apoa1 (NM_012738) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Apoa1 (NM_012738) Rat Untagged Clone
Tag: Tag Free
Symbol: Apoa1
Synonyms: apoA-I
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN212920 representing NM_012738
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAAGCTGCAGTGTGGCTGTGGCCCTGGTCTTCTGACAGGTTGCCAAGCTGGGAGTTCTGGCAGC
AAGATGAGCCCCAGTCCAATGGGACAGGGTGAAGGATTCGCCACTGTGTATGTGGATGCAGTCAAGGA
CAGCGGCAGAGACTATGTGTCCAGTTTGAATCCTCCACTTTGGGCAAACAGCTGAACCTGAATCTCCTG
GACAACTGGGACACTCTGGTTCAACTGTTGGTCGCCTACAGGAACAGCTAGGCCAGTGACTCAGGAGT
TCTGGGCTAACCTGGAGAAAGAAACAGATTGGCTGAGAAACGAGATGAACAAGGACCTGGAGAATGTGAA
ACAGAAGATGCAGCCCCACCTGGATGAATTCAGGAGAAGTGAACGAGGAGGTGCGAGCCCTACCGCCAG
AAGCTGGAGCCTCTGGCACCGAGCTTCACAAAAACGCGAAGGAGATGCAAAGGCATCTAAAGTTGTGG
CCGAGGAGTTTCGAGACCGCATGCGTGTGAATGCAGACGCGTGCAGCGCAAAGTTTGGGCTCTACAGCGA
TCAGATGCGCGAGAACCTGGCCAGCGCCTGACCGAGATCAAGAACCACCTACCTGATCGAGTATCAT
ACCAAGGCCAGCGACCACCTGAAGACACTTGGTGAGAAAGCCAAACCCGCGCTGGATGACCTGGCCAGG
GCCTGATGCCGGTGTGGAAGCCTGGAAGGCCAAAATCATGAGTATGATCGATGAGGCCAAAAAGAAGCT
GAACGCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012738
Insert Size: 780 bp



[View online »](#)

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:	<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_012738.1 , NP_036870.1
RefSeq Size:	889 bp
RefSeq ORF:	780 bp
Locus ID:	25081
UniProt ID:	P04639
Cytogenetics:	8q22
Gene Summary:	major component of high density lipoprotein (HDL) that is involved in intercellular cholesterol transport in astrocytes; cofactor for lecithin cholesterolacyltransferase (LCAT) [RGD, Feb 2006]