

## Product datasheet for **SC100293**

### **APOA1BP (NAXE) (NM\_144772) Human Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	APOA1BP (NAXE) (NM_144772) Human Untagged Clone
Tag:	Tag Free
Symbol:	APOA1BP
Synonyms:	AIBP; APOA1BP; PEBEL; YJEFN1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100293 sequence for NM_144772 edited (data generated by NextGen Sequencing)

```

ATGTCCAGGCTGCGGGCGCTGCTGGGCCTCGGGCTGCTGGTTGCGGGCTCGGCCTGCCG
CGGATCAAAAGCCAGACCATCGCCTGTCGCTCGGGACCCACCTGGTGGGGACCGCAGCGG
CTGAACCTCGGGTGGCCGCTGGGACTCAGAGGTCATGGCGAGCACGGTGGTGAAGTACCTG
AGCCAGGAGGAGGCCAGGCCGTGGACCAGGAGCTATTTAACGAATACCAGTTCAGCGTG
GACCAACTTATGGAAGTGGCCGGGCTGAGCTGTGCTACAGCCATCGCAAGGCATATCCC
CCCACGTCCATGTCCAGGAGCCCCCTACTGTCCTGGTCATCTGTGGCCCGGGGAATAAT
GGAGGAGATGGTCTGGTCTGTGCTCGACACCTCAAACCTTTGGCTACGAGCCAACCATC
TATTACCCAAAAGGCCTAACAAGCCCCCTTCACTGCATTGGTGACCCAGTGTCAGAAA
ATGGACATCCCTTTCCTTGGGGAATGCCCGCAGAGCCCATGACGATTGATGAACTGTAT
GAGCTGGTGGTGGATGCCATCTTTGGCTTCAGCTTCAAGGGCGATGTTCCGGAACCGTTC
CACAGCATCCTGAGTGTCTGAAGGGAAGTCACTGTGCCATTGCCAGCATCGACATTCCC
TCAGGATGGGACGTGGAGAAGGGAAATGCTGGAGGGATCCAGCCAGACTTGTCTATCTCC
CTCACAGCCCCCAAAAAAATCTGCAACCCAGTTTACCGGTGCTACCATTACCTGGGGGT
CGTTTTGTGCCACCTGCTCTGAAAAGAAGTACCAGCTGAACCTGCCACCCTACCCTGAC
ACTGAGTGTGTCTATCGTCTGCAGTGA

```

Clone variation with respect to NM\_144772.2  
55 g=>c;717 a=>c;804 g=>a;843 c=>t



[View online »](#)

**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_144772 unedited  
 GTCACATTTGTATACGACTCACTATAGGCGGCCGCAATTCGGCACGAGGGGGCGCGCGC  
 TCTGCGAGCTGGATGTCCAGGCTGCGGGCGCTGCTGGGCCTCGGGCTGCTGGTTGCGGGC  
 TCGCGCCTGCCGCGGATCAAAGCCAGACCATCGCTGTGCTCGGGACCCACCTGGTGG  
 GGACCCGACGGCTGAACTCGGGTGGCCGCTGGACTCAGAGGTCATGGCGAGCACGGTG  
 GTGAAGTACCTGAGCCAGGAGGAGGCCAGGCCGTGGACCAGGAGCTATTTAACGAATAC  
 CAGTTACGCGTGGACCAACTTATGGAAGTGGCCGGGCTGAGCTGTGCTACAGCCATCGCC  
 AAGGCATATCCCCCACGTCCATGTCCAGGAGCCCCCTACTGTCTGGTCATCTGTGGC  
 CCGGGGAATAATGGAGGAGATGGTCTGGTCTGTGCTCGACACCTCAAACCTTTTGCTAC  
 GAGCCAACCATCTATTACCCCAAAGGCCTAACAGCCCTCTTCACTGCATTGGTGACC  
 CAGTGTGAGAAAATGGACATCCCTTTCTTGGGAAAATGCCCGCAGAGCCATGACGATT  
 GATGAACTGTATGAGCTGGTGGTGGATGCCATCTTTGGCTTCAGCTTCAAGGGCGATGTT  
 CGGGAACCGTTCCACAGCATCCTGAGTGTCTGAAGGGACTCACTGTGCCATTGCCAGC  
 ATCGACATTCCTCAGGATGGGACGTGGAGAAGGAAAATGCNTGGAGGATCCAGCCAGAC  
 TTGCTCATCTNCCTCACAGCCNCAAAAAATCTGCAACCCAGNTTACCGTGTGCTACCAT  
 ACCTGGGGGGGTGTTTTGTGCCACTGCTCTGAAAAGAGTACAGCTGAACCTGCACCCT  
 ACCTGACACTGANGTGTCTATCGTCTGCAGGAGAAAAGGGGGGGGGTATTCTCCCCATA  
 AAN

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_144772 unedited  
 TTAATATGNNACCGCGGCCAATCTAGNGATCGGTTTTTTTTTTTTTTTTTTTGGAGAGGG  
 GCTCTAAGTCTTTATTGGGGAGAATACCCACCCACCTTCCCTCACTGCAGACGATAGACA  
 CACTCAGTGTGAGGGTAGGGTGGCAGGTTGAGCTGGTACTTCTTTTCCAGAGCAGGTGGC  
 ACAAACGACCCCCAGGTAATGGTAGCGACCGGTAACCTGGGTTGCAGATTTTTTGGGG  
 GCTGTGAGGGGAGATGAGCAAGTCTGGCTGGATCCCTCCAGCATTTCCCTTCTCCACGTCC  
 CATCCTGAGGGAATGTCGATGCTGGCAATGGGCACAGTGAAGTCCCTTCCAGGACACTCAGG  
 ATGCTGTGGAACGGTTCCCGAACATCGCCCTTGAAGCTGAAGCCAAAGATGGCATCCACC  
 ACCAGCTCATAAGTTCATCAATCGTATGGGCTCTGCGGGCATTCCCAAGGAAAGGG  
 ATGTCCATTTTCTGACTGGGTACCAATGCAGTGAAGAGGGGCTTGTAGGCCTTTTGG  
 GGGTAATAGATGGTTGGCTCGTAGCCAAAGAGTTTGGGTGTGAGCACAGACAGACCA  
 TCTCCTCATTATTCGCCGGCCACAGATGACCAGGACAGTAGGGGGGCTCCTGGACATG  
 GACGTGGGGGATATGCCCTTGGCGATGGCTGTAGCACAGCTCAGCCCGGCCAGTTCCATA  
 AGTTGGTCCACGCTGAACTGGTATTTCGTTAAATAGCTCCTGGTCCACGGCCTGGGCTCC  
 TTCTGGCTCAAGTACTTACCACCGTGTCTGCCATGACCTCTGAGTCCCAGCGCCACCCG  
 ATTTAGCCGCTGCGGTCCACAGTGGTCCCCAACACAGCGATGTCTGCTTTTGATACG  
 CGCAGGGCGGCCGAACAGCAGCCGAGGCCAACGCCGACCTGGAAATCC

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_144772

**Insert Size:**

1000 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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_144772.1</a> , <a href="#">NP_658985.1</a>
<b>RefSeq Size:</b>	1120 bp
<b>RefSeq ORF:</b>	867 bp
<b>Locus ID:</b>	128240
<b>UniProt ID:</b>	<a href="#">Q8NCW5</a>
<b>Cytogenetics:</b>	1q22
<b>Domains:</b>	YjeF_N
<b>Gene Summary:</b>	The product of this gene interacts with apolipoprotein A-I (apoA-I), the major apolipoprotein of high-density lipoproteins (HDLs). It is secreted into some bodily fluids, and its synthesis and secretion are stimulated in vitro by incubating cells with apoA-I. The human genome contains related pseudogenes. [provided by RefSeq, Jul 2008]