

Product datasheet for **SC204761**

AP2 alpha (AP2A1) (NM_130787) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: AP2 alpha (AP2A1) (NM_130787) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: AP2A1
Synonyms: ADTAA; AP2-ALPHA; CLAPA1
ACCN: NM_130787
Insert Size: 386 bp
Insert Sequence: >SC204761 3'UTR clone of NM_130787

The sequence shown below is from the reference sequence of NM_130787. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGTGTGAGCTGCTGGCACAGCAGTTCTGAGCCCTGGACTCTGCCCCGGGGGATGTGGCCGGCACTGGG
CAGCCCCCTGGACTGAGGCAGTTTTGGTGGATGGGGGACCTCCACTGGTGACAGAGAAGACACCAGGGT
TTGGGGGATGCCTGGGACTTTCCTCCGGCCTTTTGTATTTTTATTTTTGTTTCATCTGCTGCTGTTTACA
TTCTGGGGGTTAGGGGAGTCCCCCTCCCTCCCTTTCACCCCAAGCACAGAGGGGAGAGGGGCCAGG
GAAGTGGATGTCTCCTCCCTCCACCCACCCTGTTGTAGCCCTCCTACCCCTCCCATCCAGGGG
CTGTGTATTATTGTGAGCGAATAAACAGAGAGACGCTAACA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites: Sgfl-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_130787.3](#)



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Summary:

This gene encodes the alpha 1 adaptin subunit of the adaptor protein 2 (AP-2) complex found in clathrin coated vesicles. The AP-2 complex is a heterotetramer consisting of two large adaptins (alpha or beta), a medium adaptin (mu), and a small adaptin (sigma). The complex is part of the protein coat on the cytoplasmic face of coated vesicles which links clathrin to receptors in vesicles. Alternative splicing of this gene results in two transcript variants encoding two different isoforms. A third transcript variant has been described, but its full length nature has not been determined. [provided by RefSeq, Jul 2008]

Locus ID:

160

MW:

14