

## Product datasheet for **SC333913**

### AP2S1 (NM\_001301081) Human Untagged Clone

#### Product data:

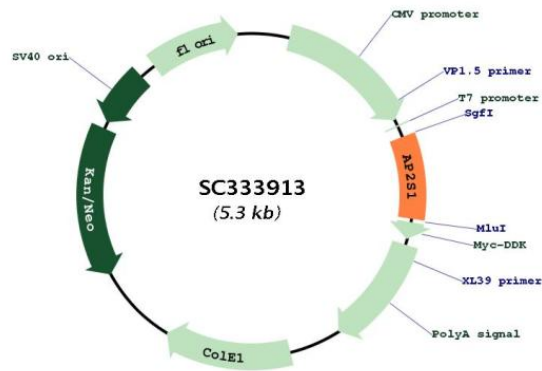
Product Type:	Expression Plasmids
Product Name:	AP2S1 (NM_001301081) Human Untagged Clone
Tag:	Tag Free
Symbol:	AP2S1
Synonyms:	AP17; CLAPS2; FBH3; FBHOk; HHC3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC333913 representing NM_001301081. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGATCGCC
ATGGTCTGGATCCGCTTTATCCTCATCCAGAACCAGGCAAGACGCGCCTGGCCAAGTGGTACATG
CAGTTTGATGATGATGAGAAACAGAAGCTGATCGAGGAGGTGCATGCCGTGGTCACCGTCCGAGACGCC
AAACACACCAACTTTGTGGAGTTCGGAACTTTAAGATCATTTACCGCCGCTATGCTGGCCTCTACTTC
TGCATCTGTGGATGTCAATGACAACAACCTGGCTTACCTGGAGGCCATTCACAACCTTCGTGGAGGTC
TTAAACGAATATTTCCACAATGTCTGTGAACCTGGACCTGGTGTCAACTTCTACAAGTTTACACGGTC
GTGGACGAGATGTTCTGGCTGGCGAAATCCGAGAGACCAGCCAGACGAAGGTGCTGAAACAGCTGCTG
ATGCTACAGTCCCTGGAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGCCCGGC
```

Restriction Sites: Sgfl-Mlul



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**Plasmid Map:**


**ACCN:** NM\_001301081

**Insert Size:** 435 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:** [NM\\_001301081.1](#)

RefSeq Size:	847 bp
RefSeq ORF:	435 bp
Locus ID:	1175
UniProt ID:	<a href="#">P53680</a>
Cytogenetics:	19q13.32
Protein Pathways:	Endocytosis, Huntington's disease
MW:	17.3 kDa
Gene Summary:	<p>One of two major clathrin-associated adaptor complexes, AP-2, is a heterotetramer which is associated with the plasma membrane. This complex is composed of two large chains, a medium chain, and a small chain. This gene encodes the small chain of this complex. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]</p> <p>Transcript Variant: This variant (5) contains an alternate 5' terminal exon and initiates translation at an alternate start codon, compared to variant 3. It encodes isoform 5, which has a shorter and distinct N-terminus, compared to isoform 3.</p>