

Product datasheet for SC334045

AP2S1 (NM_001301076) Human Untagged Clone

Product data:

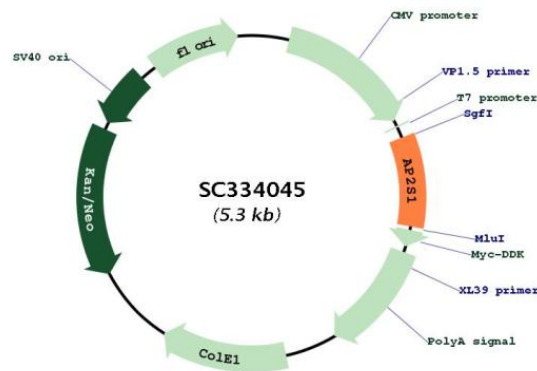
Product Type:	Expression Plasmids
Product Name:	AP2S1 (NM_001301076) Human Untagged Clone
Tag:	Tag Free
Symbol:	AP2S1
Synonyms:	AP17; CLAPS2; FBH3; FBH0k; HHC3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC334045 representing NM_001301076. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAAACTTAAGGGTCTGGGAAAGCGCTGTAAAAGGAGAGAGGACCTGGAGATCCGCTTTATCCTCATC
CAGAACCAGGCAAGACGCGCTGGCCAAGTGGTACATGCAGTTTGATGATGAGAAACAGAAG
CTGATCGAGGAGTGCATGCCGTGGTCACCGTCCGAGACGCCAAACACACCAACTTTGTGGAGTCCGG
AACTTTAAGATCATTTACCGCCGCTATGCTGGCCTCTACTTCTGCATCTGTGTGGATGTCAATGACAAC
AACCTGGCTTACCTGGAGGCCATTACAACCTTCGTGGAGGTCTTAAACGAATATTTCCACAATGTCTGT
GAACTGGACCTGGTGTTCAACTTCTACAAGGTTTACACGGTCTGGACGAGATGTTCTGGCTGGCGAA
ATCCGAGAGACCAGCCAGACGAAGGTGCTGAAACAGCTGCTGATGCTACAGTCCCTGGAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001301076

Insert Size: 477 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_001301076.1](#)

RefSeq Size:	890 bp
RefSeq ORF:	477 bp
Locus ID:	1175
UniProt ID:	P53680
Cytogenetics:	19q13.32
Protein Pathways:	Endocytosis, Huntington's disease
MW:	18.9 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 (3) encodes the longest isoform (3).</p>