

Product datasheet for SC334071

AP1S2 (NM_001272071) Human Untagged Clone

Product data:

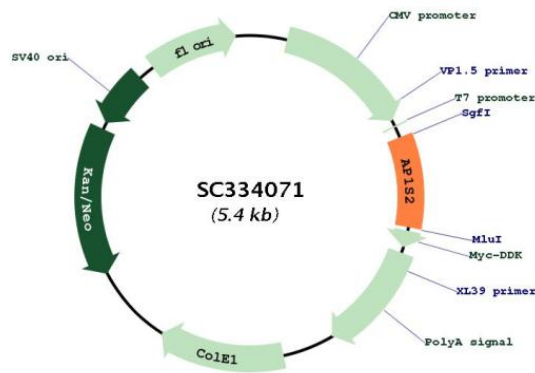
Product Type:	Expression Plasmids
Product Name:	AP1S2 (NM_001272071) Human Untagged Clone
Tag:	Tag Free
Symbol:	AP1S2
Synonyms:	DC22; MRX59; MRXS5; MRXS21; MRXSF; PGS; SIGMA1B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC334071 representing NM_001272071. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCAGTTTATGTTGCTTTTGTAGTCGTAGGAAAGCTTCGACTGCAAAAATGGTATGTCCCACTATCA
GACAAAGAGAAGAAAAGATCACAAGAGAACTTGTTCAGACCGTTTTAGCACGAAACCTAAAATGTGC
AGCTTCCTTGAGTGCCGAGATCTGAAGATTGTTTACAAAAGATATGCTAGTCTGTATTTTGTGTGCT
ATTGAGGATCAGGACAATGAACTAATTACCCTGGAATAATTCATCGTTATGTGGAATTACTTGACAAG
TATTTCCGCGAGTGTCTGGAAGTAGATATCATCTTAATTTTGAAGGCTTATTTTATTTGGATGAG
TTTCTTTGGGAGGGGAAGTTCAGGAAACATCCAAGAAAATGTCCTTAAAGCAATTGAGCAGGCTGAT
CTACTGCAGGAGGATGCGAAAGAAGCTGAAACCCACGTAGTGTCTTGAAGAAATTGGACTGACATAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCC
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Restriction Sites: Sgfl-MluI



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Plasmid Map:


ACCN: NM_001272071

Insert Size: 483 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_001272071.1](#)

RefSeq Size: 2329 bp

RefSeq ORF: 483 bp

Locus ID: 8905

Cytogenetics: Xp22.2

Protein Families: Druggable Genome

Protein Pathways: Lysosome

MW: 18.9 kDa

Gene Summary: Adaptor protein complex 1 is found at the cytoplasmic face of coated vesicles located at the Golgi complex, where it mediates both the recruitment of clathrin to the membrane and the recognition of sorting signals within the cytosolic tails of transmembrane receptors. This complex is a heterotetramer composed of two large, one medium, and one small adaptin subunit. The protein encoded by this gene serves as the small subunit of this complex and is a member of the adaptin protein family. Transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2013]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.