

Product datasheet for **SC126455**

AP2S1 (BC006337) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | AP2S1 (BC006337) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | AP2S1 |
| Synonyms: | adaptor-related protein complex 2, sigma 1 subunit; AP17; AP17-DELTA; CLAPS2; clathrin-associated/assembly/adaptor protein, small 2 (17kD); clathrin assembly protein 2 small chain |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >OriGene sequence for BC006337 edited GCGGGACCGGGGCGCTGGGGTCTGGACGGGGTCGCCATGATCCGCTTTATCCTCATCC AGAACCGGGCAGGCAAGACCGCCTGGCCAAGTGGTACATGCAGTTTGATGATGATGAGA AACAGAAGCTGATCGAGGAGGTGCATGCCGTGGTCACCGTCCGAGACGCCAAACACACCA ACTTTGTGGAGTCCGGAACTTTAAGATCATTTACCGCCGTATGCTGGCCTCTACTTCT GCATCTGTGTGGATGTCAATGACAACAACCTGGCTTACCTGGAGGCCATTCACAACTTCG TGGAGGTCTTAAACGAATATTTCCACAATGTCTGTGAACTGGACCTGGTGTTCAACTTCT ACAAGTTTACACGGTCGTGGACGAGATGTTCTGGCTGGCGAAATCCGAGAGACCAGCC AGACGAAGGTGCTGAAACAGCTGCTGATGCTACAGTCCCTGGAGTGAGGGCAGGCGAGCC CCACCCCGCCCCGGCCCTCCTGGACTCGCCTGCTCGCTTCCCCTTCCCAGGCCCGTGG CCAACCCAGCAGTCCCTCCCTCAGCTGCCTAGGAGGAAGGGACCCAGCTGGGTCTGGGCC ACAAGGGAGGAGACTGCACCCCACTGCCTCTGGGCCCTGGCTGTGGGCAGAGGCCACCGT GTGTGTCCCGAGTAACCGTGCCGTGTCTGTGTGATGCCATAAGCGTCTGTGCGTGGAGTC CCAATAAACCTGTGGTCTGCCTGGAAAAAAAAAAAAAAAAAAAAA |



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| 5' Read Nucleotide Sequence: | >OriGene 5' read for BC006337 unedited GTTACGATTTTGTATACGACTTATATAGGGCGGCCGGAATTCGCACGAGGGCGGGACCG GGGCCGCTGGGGTCTGGACGGGGTCCGCATGATCCGCTTTATCCTCATCCAGAACCGGG CAGGCAAGACGCGCTGGCCAAGTGGTACATGCAGTTTGTATGATGAGAAACAGAAGC TGATCGAGGAGGTGCATGCCGTGGTCACCGTCCGAGACGCCAAACACACCAACTTTGTGG AGTTCCGGAACTTAAGATCATTACCGCCGCTATGCTGGCCTCTACTTCTGCATCTGTG TGGATGTCAATGACAACAACCTGGCTTACCTGGAGGCCATTCACAACTTCGTGGAGGTCT TAAACGAATATTTCCACAATGTCTGTGAACTGGACCTGGTGTCAACTTCTACAAGGTTT ACACGGTCGTGGACGAGATGTTCTGGCTGGCGAAATCCGAGAGACCAGCCAGACGAAGG TGCTGAAACAGCTGCTGATGCTACANTCCCTGGAATGAGGGCAGGCGAGCCCCACCCGG CCCCGGCCCTCCTGGACTCGCTGCTCGCTTCCCCTTCCAGGCCCGTGGCCAACCCAG CAGTCTTCCCTCAGCTGCCTAGGAGGAAGGGACCCAGCTGGGTCTGGGCCACAAGGGAG GAGACTGCACCCACTGCCTCTGGGCCCTGGCTGTGGGCAGAAGCCACCGTGTGTGCC GAGTAACCGTGCGTTGTCGTGTGATGCCATAAGCGTCTGTGCGTGGAGTCCCCATAAAC CTGTGGTCTGCCTGGAAAAAAAAAAAAAAAAAACTGAGGTTNTTTTNNNNNGCGCGGGGG TGNGTTGCTGGCGCCCGCTGGGNTTTTTTTTTTTTTTTTCCAGGGGGGACTTTTTATGC GGAGAGAGGGGGTGTCTTCTTTTTGGGGGGCGGG |
| Restriction Sites: | Please inquire |
| ACCN: | BC006337 |
| 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: | <ol style="list-style-type: none"> 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: | BC006337.2 , AAH06337.1 |
| RefSeq Size: | 764 bp |
| Locus ID: | 1175 |
| Cytogenetics: | 19q13.32 |
| Protein Pathways: | Endocytosis, Huntington's disease |
| Gene Summary: | 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] |