

## Product datasheet for SC211222

### AP4S1 (NM\_007077) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	AP4S1 (NM_007077) Human 3' UTR Clone
Symbol:	AP4S1
Synonyms:	AP47B; CLA20; CLAPS4; CPSQ6; SPG52
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_007077
Insert Size:	950 bp
Insert Sequence:	<p>&gt;SC211222 3'UTR clone of NM_007077</p> <p>The sequence shown below is from the reference sequence of NM_007077. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGC
GGAGCTGCCTCCACCACCCCATCTACTGAATAGCCAGGGGAGGGCACCAATGAACAGCACAGTATGGG
AGACACACCAACTACTCTTCAAATCAGTGCCTACCTGCTCTACGCGTGAAGGTACAGAAAACCTCCACG
GCCTTTTCAGTATTTGGTGCCTTTAAAGAGGCCTAAGGACTTAGTTTATTTGGGCTAGACTGGAATGCA
GCAGTACTGCCTTCAGGCCTGGACAGCCAGGGGCTCCTCGGGCCCTGTGCTCTAGAAGGCCATTCTAT
GTCTGCTTCGCCAGCACCTTTCCCATCATGGGGCAGATGCCACCAGCCCTCACTATCTACTGCTTG
ACCATCCTCTGACTTCCTGGGCCCTAGAAATTTATAAGGTCCCTAGATATCCCAGAACCTGCCACCATG
GCCTCTGCAAGCCTCTCCTCCACCTTCACCCCAAGACTAGGGGCAGGAATGATAAGAAGGCTGGGTGGT
AGCTGGGATGTCCACCTACGTGCCTGGGGAGAGAAGCAAGAGCAGGCTGGAGTCTCTACTTTGTATTC
TTGTGAGGCACAAATATAGGCTAGAATCCAGGCCCCACAAATATAGGCTAGAATCCGGAATGTTTCTT
GATTTAAAGACATCTTTAGACCGGGCACAGTGGCTCACGCCAGTAATCCCAGCACTTTGGAGGGCTGAA
GCAGGAGGATTGCTTGAGGCCAGGAGTTTGAGACCAGCCTGGGCAACATAGGGAGACCCAGTCTCTACA
AAAAATTTAAAGCCAGGCATTGGTGGTGTGTGCCTATAGTCCCACTACTAGGGAGGCTGAGGTGG
GAGGATCACTTGAGCCTGGGGGACTGAGGCTGCAGTGAGCCATGATTGTGCTACTGCACTCCAATCTGG
CAACAGAGCGAGACCTTGTCTTTAAAAATAAAAAATAAACATCTTTACAACA
AGCGGACCGACTTACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCC
CAACCTGCCATCACGAGATTTGATTCCACGCCGC

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Restriction Sites: SgfI-RsrII



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#"><u>NM_007077.5</u></a>
<b>Summary:</b>	This gene encodes a member of the adaptor complexes small subunit protein family. These proteins are components of the heterotetrameric adaptor protein complexes, which play important roles in the secretory and endocytic pathways by mediating vesicle formation and sorting of integral membrane proteins. The encoded protein is the small subunit of adaptor protein complex-4, which is associated with both clathrin- and nonclathrin-coated vesicles. Mutations in this gene are associated with spastic quadriplegic cerebral palsy-6. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 6. [provided by RefSeq, Dec 2011]
<b>Locus ID:</b>	11154
<b>MW:</b>	34