

Product datasheet for **SC108632**

DAPP1 (NM_014395) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DAPP1 (NM_014395) Human Untagged Clone
Tag:	Tag Free
Symbol:	DAPP1
Synonyms:	BAM32
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC108632 sequence for NM_014395 edited (data generated by NextGen Sequencing)

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ATGGGCAGAGCAGAAGCTTCTAGAAGGGAAGATGAGCACCCAGGATCCCTCAGATCTGTGG
AGCAGATCCGATGGAGAGGCTGAGCTGCTCCAGGACTTGGGGTGGTATCACGGCAACCTC
ACACGCCATGCTGCTGAAGCTTCTCCTCTCAAATGGATGTGACGGCAGCTACCTTCTG
AGGGACAGCAATGAGACCACCGGCTGTACTCTCTCTGTGAGGGCCAAAGATTCTGTT
AAACACTTTCATGTTGAATATACTGGATATTCATTTAAATTTGGCTTTAATGAATTCTCA
TCTTTGAAGGATTTTGTCAAGCATTTTGCAAATCAGCCTTTGATTGGAAGCGAGACAGGC
ACTCTGATGGTTCTAAAACATCCCTACCCAAGAAAAGTGAAGAACCCTCCATTTATGAA
TCTGTCCGGGTTACACAGCAATGCAGACAGGAAGAACAAGATGACCTTGTGCCACA
GCACCTTCTCTGGGCACCAAAGAAGGTTACCTCACAAACAGGGAGGCCTGGTCAAGACC
TGGAAAACAAGATGGTTTACTCTGCACAGGAATGAACTGAAATACTTCAAAGACCAGATG
TCACCAGAACCAATTCGGATCCTAGACCTAACAGAATGTTACAGCTGTACAATTCGATTAT
TCACAAGAAAGGGTAAACTGTTTTGTTGGTATTTCCATTTCAGGACATTTTATCTCTGT
GCAAAGACCGGAGTAGAAGCTGATGAGTGGATCAAGATATTACGCTGGAAATTGTCACAA
ATAAGAAAACAGCTCAACCAAGGGGAAGGCACGATCCGATCTCGGTCGTTTCATCTTTAA
TAG

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Clone variation with respect to NM_014395.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_014395 unedited
 GTTANGATTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACGAGGCTCAGAGCCA
 TAGCAGGCTGCTGTCTCACANAGCGAGAAGGTGTCAGGAGCAGCCATTTGTGTCTCTCT
 CTCTACCTCTGTGAAGGGCGCGAATGGGCAGAGCAGAACTTCTAGAAGGGAAGATGAGCA
 CCCAGGATCCCTCAGATCTGTGGAGCAGATCCGATGGAGAGGCTGAGCTGCTCCAGGACT
 TGGGGTGGTATCACGGCAACCTCACACGCCATGCTGCTGAAGCTTTCTCCTCTCAAATG
 GATGTGACGGCAGCTACCTTCTGAGGGACAGCAATGAGACCACCGGGCTGACTCTCTCT
 CTGTGAGGGCCAAAGATTCTGTTAAACACTTTCATGTTGAATATACTGGATATTCATTTA
 AATTTGGCTTTAATGAATTCTCATCTTTGAAGGATTTTGTCAAGCATTTTGCAAATCAGC
 CTTTGATTGGAAGCGAGACAGGCACTCTGATGGTTCTAAAACATCCCTACCCAAGAAAAG
 TGAAGAACCCTCCATTTATGAATCTGTCCGGTTCACACAGCAATGCAGACAGGAAGAA
 CAGAAGATGACCTTGTGCCACAGCACCTTCTCTGGGCACCAAAGAAGTTACCTCACCA
 AACAGGGAGGCCCTGGTCAAGACCTGGAAAACAAGATGGTTTACTGTCACAGGAATGAAC
 TGAATACTTCCAAGACCAGATGTACCAGGACCAATTCGGATCCTAGAATAACAGGAT
 GTTCAGCTGTACAATTCGATTATTCACAAGAAGGTTAACTGTTTTTGTATTTC
 TTCAGGACATTTATCTCTGTGCAAAGACCGGAGTAAAGCTGATGAGTGGATCAGATATTA
 CGCTGAAATGTCACACATAGAAAACG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_014395 unedited
 CCGCAATCTAGAGTGCAGTTTTTTTTTTTTTTTTTACAAATATTAATAAATTTTAA
 TAGCAAAATGGTACATGCACAGCAAAATCATGCTTTTTAATAAACAAAGCCAAAGAATAT
 AAATAACAGGTTATGTTTTATAAAAGGTAACATAGTAAACACAATATTACCCACCCA
 AAGAAACACATTTGTTTCTAAGAAAACAACGTAACACTATACATATCCGTGAGTATTCA
 TTTGTAACCTCTGTTTTGTTTTGTTTTGTTTTGTTTTGTTTTGTTTGGGACGGAGTCTGACT
 CTGTCACCCAGGCTAGAGTGCAGCGCCGCGATCTTGGTCACTGCAACCTCCACCTCCCG
 GGTTCAAGCAATCTCCTGCCTCAGCCTCCTGAGTAGCTGGGATTACAGGCGCCTGCCAC
 CATGCCAGCTAATTTTTGTATTTTAGTAAAGACAAGTTTTCATCATGTTGGCCAGGCT
 GATGTTGAACTCTGACCTCAAGTATCTGCTTGTCTTGGCCTACCAAAGTCTGGGATT
 ACAGGCATGAGCCGCGCTCCTGGCCAGTAACTTCTTACTTTACAACAACAACAATACAT
 TTTAACTTGACATTTGCTTTATCCTATATAATAACAACAACAACAATACATTTAAAAATG
 TTGTTGAAATATACAAAAATTTAATGTAATTTTTGCGTCTGAGATGTTTAAATAAGAAAC
 TTCTTTATCAAGTATCCCTTGGCACTGCAAGACGTTTATTCATAGCTTTCAGCATAAT
 CTTTTACTCTCAGGCTTTTAAGCATTTTATCTTTTTTGGAACTTTATTCTAACCAAAAT
 TGTTTTAAAAAATACGAAAGGGGTAGATTCTGCCATGAACTGGTGACATAATACTTATT
 TTTTTATTGCCTCTATTCTATTTGAAAAGCTTTGGAACAATTTTACCTATCATTTTAA
 TATTCTTGTGCCTTAAGGTTCA

Restriction Sites:

NotI-NotI

ACCN:

NM_014395

Insert Size:

3180 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:	<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:	<u>NM_014395.1, NP_055210.1</u>
RefSeq Size:	2950 bp
RefSeq ORF:	843 bp
Locus ID:	27071
UniProt ID:	<u>Q9UN19</u>
Cytogenetics:	4q23
Domains:	SH2, PH
Protein Families:	Druggable Genome, Phosphatase
Protein Pathways:	B cell receptor signaling pathway
Gene Summary:	<p>May act as a B-cell-associated adapter that regulates B-cell antigen receptor (BCR)-signaling downstream of PI3K.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>