

## Product datasheet for **MG203790**

### Dapp1 (NM\_011932) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Dapp1 (NM_011932) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Dapp1
Synonyms:	Bam32
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG203790 representing NM_011932 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGGCAGAGCAGAACTTCTAGGAGGGAACATGAGTACCCAGGATCCCTCAGAGCTGTGGGCAGAGCAG  
ATGGAGGCACAGACCTGCTCCAGGATTTGGGGTGGTATCACGGCAACCTCACCCGCCATGCTGCCGAAGC  
CCTTCTGCTCTCCAATGGACGTGATGGTAGCTACCTGCTGCGGGACAGCAATGAGCAGACTGGGCTCTAC  
TCTCTCCGTGAGAGCCAAAGACTCTGTCAAACACTTTCATGTTGAATACACTGGGTACTCGTTTAAAT  
TCGGCTTTAATGAGTATTCATCTCTAAAGATTTGTCAAGCATTGCAAAATCAGCCTTTGATTGGAAG  
TGAGACAGGGACTCTGATGGTTTTGAAGCATCCCTATCCAAGGGAAGTGAAGAACCTTGCATTTACGAA  
TCAGTCCGGGTTACACAGCGATGCAGACAGGAAGGACAGAGAACGACCTCGTGCCCACTGCACCTTCTC  
TGGGCACCAAAGAAGGCTATCTACCAAGCAGGGAGGCCTGGTAAAGACCTGGAAAAAAGATGGTTTAC  
TTTGCAAAGGAACGAAGTAAATATTTCAAAGACCAGATGTCACCAGAACCAATTCGGATCCTAGACCTA  
ACAGAGTGCTCAGCTGTTCAATTTGATTACTCACAGGAACGAGTAAACTGTTTCTGCCTAGTGTTCAT  
TCAGGACATTTTATCTCTGTGCAAAGACGGGAGTTGAAGCCGATGAATGGATCAAATACTGAGATGGAA  
GTTGTCAAAAATAAGAAAACAGCTGGATCAAGGAGAAGATACCGTCCGATCTAGGTCATTTATCTTCAA

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA



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**Protein Sequence:** >MG203790 representing NM\_011932  
 Red=Cloning site Green=Tags(s)

MGRAELLGGNMSTQDPSELWGRADGGTDLLQDLGWYHGNLTRHAAEALLLSNGRDGSYLLRDSNEQTGLY  
 SLSVRAKDSVKHFHVEYTGYSFKFGFNEYSSLKDFVKHFANQPLIGSETGTLMLVLPYPREVEEPCIEY  
 SVRVHTAMQTGRTEIDL VPTAPSLGTKEGYLTKQGGVKTWKTRWFTLQRNELKYFKDQMSPEPIRILDL  
 TECSAVQFDYSQERVNCFCLVFPFRTFYLCAKTVGEADEWIKILRWKLSKIRKQLDQGEDTVRSRSFIFK

TRTRPLE - GFP Tag - V

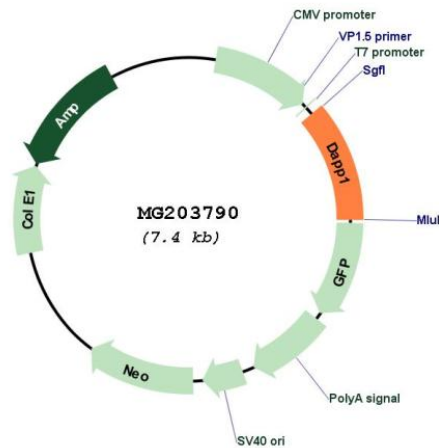
**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shutting:



**Plasmid Map:**



**ACCN:** NM\_011932

**ORF Size:** 840 bp

<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_011932.2</a> , <a href="#">NP_036062.1</a>
<b>RefSeq Size:</b>	3088 bp
<b>RefSeq ORF:</b>	843 bp
<b>Locus ID:</b>	26377
<b>UniProt ID:</b>	<a href="#">Q9QXT1</a>
<b>Cytogenetics:</b>	3 G3
<b>Gene Summary:</b>	May act as a B-cell-associated adapter that regulates B-cell antigen receptor (BCR)-signaling downstream of PI3K.[UniProtKB/Swiss-Prot Function]