

## Product datasheet for **MG206107**

### Dap3 (NM\_022994) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Dap3 (NM_022994) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Dap3
Synonyms:	4921514D13Rik; DAP-3; MRP-S29; S29mt
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206107 representing NM_022994 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTGACAGGAATAACAAGGCTTTTCTCCAGGGTCCAGAAGTTGGACCCGAGGTGTTTTTGCACATGA  
GTGTTCAAGCGACTCAGAACAGTCAGGTTCCAGCTGAGCGTCCCAGAAGTGTTCGCCACCAGTGACAG  
TGACCCGGCTAAGCATGGGGAGCAGCATGAGGGTCAGCACTACAGCATCCCCCTCCAGGATCTGAAGACA  
GTGTTTCTCACGGCCTGCCTCCTCGGTACATGATGCAGGTGAAGACTTTTGGCGAAGCTTGTCTGATGG  
TCAGGAAGCCAGCTCTCGAGCTTCTGGGCTACCTGAAAAATACCAATTTTGTCTATCCAGCTGTGCGATA  
TCTTCTTTATGGGAGAAGGGGACAGGAAAGACCCCTCAGTCTCTGCCATGCTGTTCAATTTTGTGCAAGA  
CATGACTGGCTGATTCTGCATATCCCAGATGCTCATCTTTGGGTAAAAAAGTCCGGGAGCTTCTACAGT  
CCACTCACAACAAACAGCGCTTTGATCAACCCCTTAGAGGCCTCTACCTGGCTGAAGAATTTCAAACACTAC  
CAATGAGCGCTTCTGAGTCAGATAAAAGTTCAAGAGAAGTATGTTTGAATAAGAGAGAAAGCACTGAG  
AAAGGCAGTCCTCTGGGAGAAGTTGTTGAACAGGGCCTAACCCGAGTGAGGAATGCCACTGACGCTGTTG  
GGGTCGTGCTGAAGGAGCTGAAGGCTCAGAGCGCCCTAGGGCTCTTTCACCTCCTGGTGGCTGTGGATGG  
AGTCAATGCCCTCTGGGAAAGGACCACACTGAAAAAGAAGATAGAACCTTGATTGCCCCAGAGGAACCTC  
TCCCTTGTCCACAATCTAAGGAAAATGGTAAAAATGACTGGCATGGAGGTGCAATCGTGTGAGCTTGA  
GCCAAACCGGTCTCTCTTTAAGTCCAGAACAGCCTATTTGCCGATGAGCTGCTGGGAAAGGAAGGATT  
TAATGCCCTGGAGCCTTTTCTTCCATCCTCATTCCCAACTATAATCCAAGGAGTTTGAAGTTCTCTC  
CAGTACTACTTAGAGAACAACCTGGCTTCAACATGAGAAAGCTTCAACAGAAGAAGGGAGGAAGGAGCTGA  
GGTTCTGAGTAAGTCAACCCCTGAGCAGCTGGAGCGGCTCTGTGCCTCGCTG

**ACGGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG206107 representing NM\_022994  
 Red=Cloning site Green=Tags(s)

MLTGITRLFSRVQKLDPRCFLHMSVQATQNSQVPAERPRTVSRTSDSDPAKHGEQHEGQHYSIPLQDLKT  
 VFPHGLPPRYMMQVKTFGEACL MVRKPALELLGYLKNTNFAHPAVRYLLYGEKGTGKTL SLCHAVHFCAR  
 HDWLILHIPDAHLWVKNCRELLQSTHNKQRFDDQPLEASTWLKNFKTTNERFLSQIKVQEKYVWNKRESTE  
 KGSP LGEVVEQGLTRVRNATDAVG VVLKELKAQSALGLFHLLVAVDGVNALWGRITLTKKEDRTLIAPEEL  
 SLVHNL RKMVKNDWHGGAI VLSL SQTGSLFKSRTAYLPHELLGKEGFNALEPFLPILIPNYNPKFEFESSF  
 QYYLENNWLQHEKASTE EGRKELRFLSNCNPEQLERLCASL

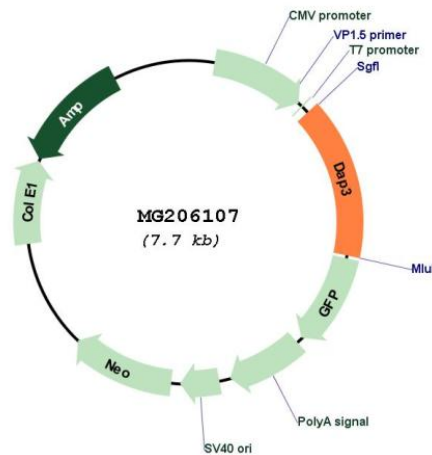
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_022994

<b>ORF Size:</b>	1173 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_022994.2</a> , <a href="#">NP_075370.1</a>
<b>RefSeq Size:</b>	2003 bp
<b>RefSeq ORF:</b>	1191 bp
<b>Locus ID:</b>	65111
<b>UniProt ID:</b>	<a href="#">Q9ER88</a>
<b>Cytogenetics:</b>	3 39.01 cM
<b>Gene Summary:</b>	Involved in mediating interferon-gamma-induced cell death.[UniProtKB/Swiss-Prot Function]