

## Product datasheet for MR222289

### Dap3 (NM\_001164533) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Dap3 (NM\_001164533) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Dap3  
**Synonyms:** 4921514D13Rik; DAP-3; MRP-S29; S29mt  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR222289 representing NM\_001164533  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAGAGCAAAGACCATGCTGACAGGAATAACAAGGCTTTTCTCCAGGGTCCAGAAGTTGGACCCGAGGT  
 GTTTTTGCACATGAGTGTCAAGCGACTCAGAACAGTCAGGTTCCAGCTGAGCGTCCCAGAAGTGTTC  
 CCGCACCAGTGACAGTGACCCGGCTAAGCATGGGAGCAGCATGAGGGTCAGCACTACAGCATCCCCCTC  
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 TCCAGCTGTGCGATATCTTTATGGGAGAAGGGGACAGGAAAGACCCCTCAGTCTCTGCCATGCTGTT  
 CATTTTTGTGCAAGACATGACTGGCTGATTCTGCATATCCAGATGCTCATCTTTGGGTAAAAACTGCC  
 GGGAGCTTCTACAGTCCACTCACAACAAACAGCGCTTTGATCAACCCCTTAGAGGCCTCTACCTGGCTGAA  
 GAATTTCAAACACTACCAATGAGCGCTTCTGAGTCAGATAAAAGTTCAAGAGAAGTATGTTTGAATAAG  
 AGAGAAAGCACTGAGAAAGGCAGTCCTCTGGGAGAAGTTGTTGAACAGGGCCTAACCCGAGTGAGGAATG  
 CCACTGACGCTGTTGGGGTCGTGCTGAAGGAGCTGAAGGCTCAGAGCGCCCTAGGGCTCTTTCACCTCCT  
 GGTGGCTGTGGATGGAGTCAATGCCCTCTGGGAAAGACCACACTGAAAAAGAAGATAGAACCTTGATT  
 GCCCCAGAGGAAGTCTCCCTTGTCCACAATCTAAGGAAAATGGTAAAAATGACTGGGAAGGATTTAATG  
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 CTACTTAGAGAACAAGTGGCTTCAACATGAGAAAGCTTCAACAGAAGAAGGGAGGAAGGAGCTGAGGTTCT  
 CTGAGTAAGTCAACCTGAGCAGCTGGAGCGGCTCTGTGCCTCGCTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
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**Protein Sequence:** >MR222289 representing NM\_001164533  
Red=Cloning site Green=Tags(s)

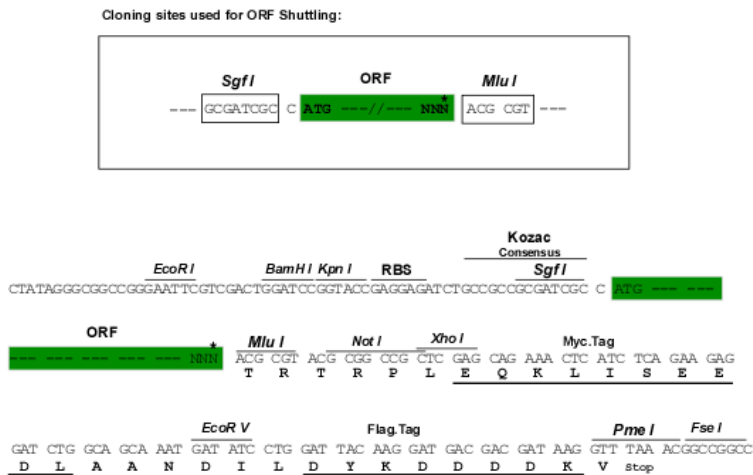
MRAKTMLTGITRLF SRVQKLDPRCFLHMSVQATQNSQVPAERPRTVSRTSDSDPAKHGEQHEGQHYIPL  
 QDLKTVFPHGLPPRYMMQVKTFGAECLMVRKPALELLGYLKNTNFAHPAVRYLLYGEKGTGKTL SLCHAV  
 HFCARHDWLILHIPDAHLWVKNCRELLQSTHNKQRFDQPLEASTWLKNFKTTNERFLSQIKVQEKYVWVK  
 RESTEKGSPLGEVVEQGLTRVRNATDAVGVVLLKELKAQSALGLFHLAVVDGVNALWGRTTLKKEDRTL I  
 APEELS LVHNL RKMVKNDWEGFNAL E PFLPILIPNYPKFE S SFQYYLENNWLQHEKASTE E GRKELRF  
 LSNCNPEQLERLCASL

TRTRPLEQKLISEEDLAANDILDYKDDDDKVV

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja1374\\_b01.zip](https://cdn.origene.com/chromatograms/ja1374_b01.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001164533

**ORF Size:** 1098 bp

**OTI Disclaimer:** 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. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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:**

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:** [NM\\_001164533.1](#), [NP\\_001158005.1](#)

**RefSeq Size:** 4538 bp

**RefSeq ORF:** 1101 bp

**Locus ID:** 65111

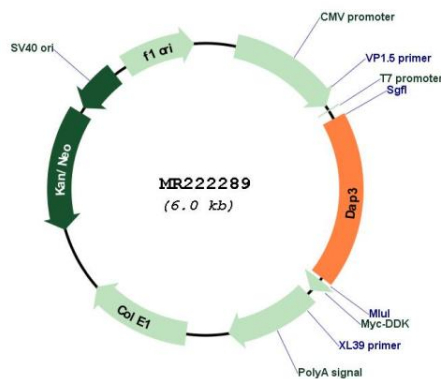
**UniProt ID:** [Q9ER88](#)

**Cytogenetics:** 3 39.01 cM

**MW:** 42.6 kDa

**Gene Summary:** Involved in mediating interferon-gamma-induced cell death.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR222289