

Product datasheet for **MC203985**

Dap3 (NM_022994) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dap3 (NM_022994) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dap3
Synonyms:	4921514D13Rik; DAP-3; MRP-S29; S29mt
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC019566
 GCCACGGCTGCCGCCCTTCGCCCCACCCCTCGAACGTGCGCCTCCACAATCCCCCGCGGGACGT
 TCCATTGCGCGCCCTGCTGGGGCCGGGAGAAGCGGGCACGCCCGCAGACGAGGCTGGCCACGGTGA
 CCGGAATGTTTTGAAGAGCGAGCGAAGGTACCTAGGCGCGGACCTCCTGGGACGGGCCACCGCAGCCG
 AGGCTTGCTGCCCGCTTCGGCCCGGGGGCGGTGGCGCGGTGCCCTCCGCTGGGCTGTGGTTGCAGCC
 CGGGCGACTGCGCGTTGGGTAGCTTCTGCCACACGACCCGAGCTTGCTTCAAACTGCAGGACGGGTGC
 CTGGGATCCAGCCGCTGGCGGTGTGTGCGGGTCACCGGAGCAGGAGTCTAGTGTGGACTCATGAGAGC
 AAAGACCATGCTGACAGGAATAACAAGGCTTTTCTCCAGGGTCCAGAAGTTGGACCCGAGGTGTTTTTTG
 CACATGAGTGTTCAAGCGACTCAGAACAGTCAGGTTCCAGCTGAGCGTCCAGAAGTGTTCGCCACCA
 GTGACAGTGACCCGGCTAAGCATGGGGAGCAGCATGAGGGTCAGCACTACAGCATCCCCCTCCAGGATCT
 GAAGACAGTGTTTCTCACGGCTGCCTCCTCGGTACATGATGCAGGTGAAGACTTTTGGCGAAGCTTGT
 CTGATGGTCAGGAAGCCAGCTCTCGAGCTTCTGGGCTACCTGAAAAATACCAATTTTGTCTATCCAGCTG
 TGCATATCTTTATGGGGAGAAGGGGACAGGAAAGACCCCTCAGTCTCTGCCATGCTGTTTCAATTTTGT
 TGCAAGACATGACTGGCTGATTCTGCATATCCAGATGCTCATCTTTGGGTAATAAACTGCCGGGAGCTT
 CTACAGTCCACTCACAACAAACAGCGCTTTGATCAACCCTTAGAGGCCTCTACCTGGCTGAAGAATTTCA
 AAATAACCAATGAGCGCTTCTGAGTCAGATAAAAGTTCAAGAGAAGTATGTTTGGAAATAAGAGAGAAAG
 CACTGAGAAAGGCGAGTCTCTGGGAGAAGTTGTTGAACAGGGCCTAACCCGAGTGAGGAATGCCACTGAC
 GCTGTTGGGGTCTGTGCTGAAGGAGCTGAAGGCTCAGAGCGCCCTAGGGCTCTTTCACCTCCTGGTGGCTG
 TGGATGGAGTCAATGCCCTCTGGGGAAGGACCACACTGAAAAAAGAGATAGAACCTTGATTGCCCCAGA
 GGAAGTCTCCCTGTCCACAATTAAGGAAAAATGGTAAAAATGACTGGCATGGAGGTGCAATCGTGTG
 AGCTTGAGCCAAACCGGGTCTCTCTTTAAGTCCAGAACAGCCTATTTGCCGATGAGCTGCTGGGAAAGG
 AAGGATTTAATGCCCTGGAGCCTTTTCTTCCATCCTCATTCCCAACTATAATCCAAAGGAGTTTGAAG
 TTCCTTCCAGTACTACTTAGAGAACAACCTGGCTTCAACATGAGAAAGCTTCAACAGAAAGGAGGAAG
 GAGCTGAGGTTCCCTGAGTAAGTCAACCCTGAGCAGCTGGAGCGGCTCTGTGCCTGTAAGCACGGA
 CAGCGGGGTGGCATGCTGGGAAGACAGGCTTCTTCCAGTACCCTGCGCGCATGAGGAAGTCCCAAGGT
 TCCAAGCTGAACACCCTGACCTGCACTGATGGATATGAAATGATAGGATGTTGTTGCTACAGCTAACCA
 CCAGTTTTCTGTTGAGTTTTTACATTAAGTAGATCTGCTCCTGAGTGTGATTGGATTTGCAACAAG
 GAAGGTTCTCACCTGGCCAGACTCTGTGAGTTTCTGTTGTTGCTGGCATCTGAAGAAACTC
 AGTTCTACAGAAATAGTAGTTCTGTCTCCTGGATTTAAATCTGTTCCAGGAGACCAAGATTTACAGCCGA
 ATTCTAATAAGACAGGTAACGCTTCTCAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_022994

Insert Size: 1176 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:**
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: [BC019566](#), [AAH19566](#)

RefSeq Size: 2003 bp

RefSeq ORF: 1176 bp

Locus ID: 65111

UniProt ID: [Q9ER88](#)

Cytogenetics: 3 39.01 cM

Gene Summary: Involved in mediating interferon-gamma-induced cell death.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 3' coding region, compared to variant 1, resulting in an isoform (2) that is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments. CCDS Note: The coding region has been updated to extend the N-terminus. The use of an alternative upstream start codon, which appears to be rodent-specific, would result in a protein that is 5 aa longer at the N-terminal. The second AUG, 5 aa downstream the rodent start codon, which is better conserved in mammals, could be used at least some of the time.