

Product datasheet for **RN202299**

Dapk3 (NM_022546) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dapk3 (NM_022546) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dapk3
Synonyms:	Dapkl
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202299 representing NM_022546
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTTCCACGTTTCAGGCAGGAGGACGTTGAGACCATTATGAGATGGGAGAGGAGCTTGGCAGCGGCCAGT
TCGCCATCGTGCACAAGTGCCAGCAGAAGGGCACCGGCATGGAGTACGCGCCAAGTTCATAAAGAAGCG
GCGCCTGCCGTCCAGCCGGCGGGTGTGAGCCGTGAGGAGATCGAGCGGAGGTGAGCATCTGCCGAG
ATCCGCCACCCCAACATCATCACGCTGCACGATGTGTTGAGAACAAGACAGATGTGGTGTGATCTTGG
AGCTGGTGTCCGGCGCGCAACTTTTCGACTTTCTGGGTGAGAAGGAGTCACTGACAGAGGATGAGGCCAC
GCAGTTCTCAAGCAGATCCTGGACGGTGTCCACTACCTGCACTCCAAGCGCATCGCGCACTTTGACCTG
AAGCCGGAGAACATCATGTTGCTGGACAAGCATGCAGCCAGCCCACGCATTAAGTCATCGACTTTGGCA
TCGCGCACAGGATCGAGGCCGTAGCGAGTTCAAGAACATCTTTGGCACCCAGAGTTCGTCGCCCTGA
GATTGTAAACTATGAACCACTTGGCTTGAAGCTGATATGTGGAGCATCGGCGTCATCACCTACATCCTC
CTGAGCGGGGCTTCCCCATTCTGGGGGAGACCAAGCAGGAAACGCTGACAAACATCTCGGCTGTGAACT
ATGACTTTGATGAAGAGTACTTCAGCAGACCAGTGAAGTGGCCAAGGACTTCATCCGAAGGCTGCTGGT
CAAAGATCCCAAGAGGAGGATGACCATCGCACAGAGCCTGGAGCATTCTGGATCAAGGTTCCGCCGGCT
GAGGACGGCGCCCGAAGCCAGAGCGACGCCGACTGCGCGCGCGCGCCTGCGCGAGTACAGTCTCAAGT
CGCACTCAAGCATGCCGCGAAACACGAGCTACGCCAGCTTCGAGCGCTTCTCGCGGTGCTGGAGGACGT
GGCGGGCGCGGAGCAGGGGCTGCGCGAGCTGCAGCGGGCCGGCGCAGTGCCGGGAGCGCGTGTGCCG
CTGCGCGTGGCTGCGGAACAGCGGGAGGCGCGCTGCCGCGACGGGAGCGCGGCTAGGCCGCGACCTGC
GACGCTGCGCACGGAGCTGGTGCACCGAGGCTCTGCGCACGCGCGCAGGAGGAGGACCGGGCAGC
GCTCTTGGGCGCTGGTGGCCTGAAACGTGCGCTGTGTCGCTTGAGAACCCTACGACGCGCTAGCCGCA
CAGGTGGCTGCTGAGGTGCAGTTCGTGCCGATCTGGTACGCGCGCTGGAGCAGGAGCGGCTGCAGGCC
AGTGCAGCGTGCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_022546

Insert Size: 1347 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: [NM_022546.1](#), [NP_071991.1](#)

RefSeq Size: 1514 bp

RefSeq ORF: 1347 bp

Locus ID: 64391

UniProt ID: [O88764](#)

Cytogenetics: 7q11

Gene Summary: calmodulin (CaM)-regulated protein kinase; may be involved in apoptosis and neuronal development [RGD, Feb 2006]