

Product datasheet for **RC225710**

DIPK2B (NM_176819) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DIPK2B (NM_176819) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	DIPK2B
Synonyms:	4930578C19Rik; bA435K1.1; CXorf36; DIA1R; EPQL1862; PRO3743
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC225710 representing NM_176819
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCCCCAGCTGGGGCCTGAGGCTGCCGCCCTCCGCCCTGGCTGGCTGGCCCTGCTGCTGTGGGTCT
 CAGCCCTGAGCTGTTCTTTCTCCTTGCCAGCTTCTCCCTTTCTCTCTGGTGCCCAAGTCAGAACCAG
 CTAACAATTTTGAAGGACTTTCCTCGGTCTTGATAAATGCAATGCCTGCATCGGGACATCTATTTGCAAG
 AAGTTCTTTAAGAAGAAATAAGATCTGACAACCTGGTGGCTTCCACCTTGAGCTGCCTCCCGATTCT
 TGCTTTCTTATCCTGCAAATTAAGATGATTCCAAAATCTGGCGCCCTGTGGAGATCTTTAGACTGGT
 CAGCAAATATCAAACGAGATCTCAGACAGGAGAATCTGTGCCTTCGCATCAGCCCCAAAGACCTGCAGC
 ATTGAGCGTGTCTGCGGAAAACAGAGAGGTTCCAGAAATGGCTGCAGGCCAAGCGCCTCACGCCGACC
 TGGTGCAGGGCCTGGCCAGCCCCTCCTGCGCTGCCCTTCGACGCGACTCCTGGATCGCGTGGTCAGGCC
 CTATGCAGAGGTGGCCGACGCCGCGCAGCATCTTATGGACCCTTCACCGACCGTGACAAGCTGCGCCTG
 CTCTACACGCTGGCTGTCAACTCGACCCCATCCTCCTACAGATCTTCCCTGGGGCTGAGGGATGGCCGC
 TGCCCAAGTACCTGGGCTCCTGTGGCAGATTCTCGTCAGCACCAGCACCAGACCCTGCAGGAATTCTA
 TGATGCACCCCCAGATCAGGCAGCCGACCTTGCCCTACCAGCTCCTGGGTGTCTGGAGTCTTTGAGGAGC
 AACGATTTGAACTATTTCTTCTACTTACCCACATTGATGCAGGCATGTTCCGGCTCTTTAAACACGGGC
 ATCTGTTTCATCCGGGATGCCAGTGCAGTGGGCGTCATCGACAAGCAGGAAGGCAGCCAAGAAGCCAACAG
 GGCAGGAGAGAATAAAGACATTTTATGCTGCCTGGTTCCGGCTGCCAGGCCAGCTGCCCTCCTGCGAA
 AGCATCTCTGAGAAGCAGAGCCTGGTGTGGTGTGTCAGAAGTTGCTGCCTCGACTTCTCCAGGGGAGGT
 TCCCCTCCCAGTGCAAGACGACATAGACTCCATCCTTGTTCAGTGTGGGGACAGCATCCGCCAGACCC
 AGAAGTCTTGGGGCCGCCAGCCAGCTGAAAGACATCTTGGAGCCCTGAGAACGTGTGACTCCAGATTT
 GCCTATCGTTACCAGATTGCAAATATAACGATAAGTTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC225710 representing NM_176819
 Red=Cloning site Green=Tags(s)

MEPQLGPEAAALRPGWLALLLWVSALSCSFSLPASSLSSLVQVRTSYNFGRTFLGLDKCNACIGTSICK
 KFFKEEIRSDNWLASHLGLPPDSLLSYPANYSDSKIWRPVEIFRLVSKYQNEISDRRICASASAPKTCS
 IERVLKTERFQKWLQAKRLTPDLVQGLASPLLRCPQRLLDRVRRYAIEVADAGSIFMDHFTDRDKLRL
 LYTLAVNSHPILLQIFPGAEGWPLPKYLGSCGRFLVSTSTRPLQEFYDAPPDQAADLAYQLLGVLESLRS
 NDLNYFFYFTHIDAGMFGVFNNGHLFIRDASAVGVIDKQEGSQEANRAGENKIDIFSCLVSGCQAQLPSCE
 SISEKQSLVLCQKLLPRLLQGRFPSPVQDDIDSILVQCGDSIRPDPEVLGAASQLKDILRPLRTRCDSRF
 AYRYPDCKYNDKF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8013_c01.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_176819

ORF Size: 1299 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_176819.4](#)

RefSeq ORF: 1302 bp

Locus ID: 79742

UniProt ID: [Q9H7Y0](#)

Cytogenetics: Xp11.3

Protein Families: Secreted Protein

