

Product datasheet for SC119321

ZIP Kinase (DAPK3) (NM_001348) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZIP Kinase (DAPK3) (NM_001348) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZIP Kinase
Synonyms:	DLK; ZIP; ZIPK
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_001348 edited
 ATGTCCACGTTTCAGGCAGGAGGACGTGGAGGACCATTATGAGATGGGGGAGGAGCTGGGC
 AGCGGCCAGTTTTGCGATCGTGCGGAAGTGCCGGCAGAAGGGCAGCGGGCAAGGAGTACGCA
 GCCAAGTTCATCAAGAAGCGCCGCTGTATCCAGCCGGCGTGGGGTGAAGCCGGGAGGAG
 ATCGAGCGGGAGGTGAACATCCTGCGGGAGATCCGGCACCCCAACATCATCACCTGACAC
 GACATCTTCGAGAACAAGACGGACGTGGTCTCATCCTGGAGCTGGTCTCTGGCGGGGAG
 CTCTTTGACTTCTGGCGGAGAAGGAGTCGCTGACGGAGGACGAGGCCACCCAGTTCTCTC
 AAGCAGATCCTGGACGGCGTTCACTACCTGCACTCTAAGCGCATCGCACACTTTGACCTG
 AAGCCGGAAAACATCATGCTGCTGGACAAGAACGTGCCCAACCCACGAATCAAGCTCATC
 GACTTCGGCATCGCGACAAGATCGAGGCGGGGAACGAGTTCAAGAACATCTTCGGCACC
 CCGGAGTTTGTGGCCCCAGAGATTGTGAACATATGAGCCGCTGGGCCTGGAGGCGGACATG
 TGGAGCATCGGTGTCATACCTATATCCTCCTGAGCGGTGCATCCCCGTTCTGGGCGAG
 ACCAAGCAGGAGACGCTACCAACATCTCAGCCGTGAACACTACGACTTCGACGAGGAGTAC
 TTCAGCAACACCAGCGAGCTGGCCAAGGACTTCATTTCGCCGGCTGCTCGTCAAAGATCCC
 AAGCGGAGAAATGACCAATTGCCAGAGCCTGGAACATTCCTGGATTAAGGCGATCCGGCGG
 CGGAACGTGCGTGGTGAGGACAGCGGCCGAAGCCGAGCGGGCGGCCCTGAAGACCAGC
 CGTCTGAAGGAGTACACCATCAAGTCGCACTCCAGCTTCCCGCCAACAACAGCTACGCC
 GACTTCGAGCGCTTCTCCAAGGTGCTGGAGGAGGCGCGGCCCGCAGGAGGGCCTGCGC
 GAGTGCAGCGCAGCCGGCGGCTTGCCACGAGGACGTGGAGGGCTGGCCGCCATCTAC
 GAGGAGAAGGAGGCTGGTACCAGGAGGAGAGCGACAGCCTGGGCCAGGACCTGCGGAGG
 CTACGGCAGGAGCTGCTCAAGACCGAGGCGCTCAAGCGCAGGCGCAGGAGGAGGCAAG
 GGCGCGCTGCTGGGGACCAGCGGCTCAAGCGCGCTTACGCCGCTGGAGAACCCTAC
 GAGGCGCTGGCCAAGCAAGTAGCCTCCGAGATGCGCTTCGTGCAGGACCTCGTGCAGGCGC
 CTGGAGCAGGAGAAGCTGCAGGGCTGGAGTGCAGGCTGCGCTAG



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_001348 unedited</p> <pre>GGGGGGGGGGGANNNGNTTTTTTCCCNNGGNGGTTCGANATTTGTATACCACTCATATA GGCGGCCGCGNAATTCGCACCAGGCGCGCGCGCGCGCGTATTCTCCGGGCTGCGGAG GGGTTGCCATTAGGGGACTCCTGAGGTCCTATCTCCAGGCTGCGGTGACTGCACTTTCCC TGGAGTGAAGCTGCTGGAAGGCGGACCGGCCCATGTCCACGTTTCAGGCAGGAGGACG TGGAGGACCATTATGAGATGGGGGAGGAGCTGGGCAGCGGCCAGTTTGCATCGTGCGGA AGTGCCGCGCAGAAGGGCACGGGCAAGGAGTACGCAGCCAAGTTCATCAAGAAGCGCCGCC TGTCCATCCAGCCGCGTGGGGTGGGCGGAGGAGATCGAGCGGAGGTGAACATCCTGC GGGAGATCCGGCACCCCAACATCATCACCTGCACGACATCTTCGAGAACAAGACGGACG TGGTCTCATCTGGAGCTGGTCTCTGGCGGGGAGCTCTTTGACTTCTGGCGGAGAAGG AGTCGCTGACGGAGGACGAGGCCACCCAGTTCTCAAGCAGATCCTGGACGGCGTTCCT ACCTGCACTCTAAGCGCATCGCACACTTTGACCTGAAGCCGAAAAACATCATGCTGCTGG ACAAGAAGCTGCCAACCCACGAATCAAGCTCATCGACTTCGGCATCGGCACAAGATCG AGGCGGNGAAACGAGTCAAGAACATCTTCNGCACCCCGGAGTTTGTGGCCCAAGATTG TGAAGTATGAGCCGCTGGCCTGGNAGCNGACATGTGGAGCATCGGTGTCATCACCTATA TTCTNCTGAGCGGTGCANTCCCCGTCCTGGGCGAGACCCAGCANGAGACGCTCACCAT CTTAGCCGTGAAGTACGACTTCGACAAGGAGTACTTCAGCACACCAGCGAGCTGCCACG ACTTCATTCGNCGCTGT</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_001348 unedited</p> <pre>GCTATGGCCGCGCCGAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT TTTTTTTTTTTTTCGGGAAGCCAGTTTTTTATTTTTTTTTTGGCTGCAAAGGCGCTTTTTG CCTAGGCGTCCACAGGCCAACAAATGGGGCTCGCGGAGGAGTCCGCAACAGGGCACCCCA CACCCGGGGACCGGCTCGGCGAAAAGGCGACACAGTGGAAAACCCCAAGCCCGGG GCCACCCAAACAGCGTGGGGACTGCCTGTCCGCCGTCCATCCCACCTCCCGTCCCAAA CCTTCTTTTGGGCTAATGGCAGCAACAGGCAGCACCCCGCGAATTGTCCGTGCAACTAC CCGAAAACCTTCTCCGGGCTGAACAGGGCTGCATTCCGGCCGCTTTGCGCCTCGGGG GGTCCCAACCTCACGGTGCCACAGGCCACGCTGCCTGGAGGGTCCCAGGGTCAACGACA ATGCAGGGGTGAAGGTGAAGGCCACCGTAAAGGCTGTGTAAGAAGCAGCCCCGTCCCAC ACCCACCCCTGCCTGCAAACTTACGGGCTGGTTCCAGTTCTCCCACTCCGCTCCAGC CTGGTGGCGCTGGGCAAGGACAGGCACCCGGGCAATGGGAGGCGCAGCGTCCACAGGAAG CGCCCCACCGCAGGCCAGCTCCGGCTGTCTGGGGCTGGCCACCCCACTGCCGCTA GCGCAGCCGCACTCCACGCCCTGCAGTTTTTCTCTCCAGGGCGCGCACGAAGTCTGC ACGAACGCATCTCGGAGGCTACTTGCTTGGCCGCGCTCNNAACGGTTCTCAGCGGGTGA AACGGCTTGAGGCTCTGGTCCANNAACGCGCCTTTGCCTCTCTGGCCTGCCGTTGA CCCCTCGGCTTGACAATTCTGCCTACCTCGAAGTCTGGCCAGACTGGCTTTCTTGGGTAC CGCT</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_001348
Insert Size:	1090 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:	<ol style="list-style-type: none">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:	<u>NM_001348.1, NP_001339.1</u>
RefSeq Size:	2105 bp
RefSeq ORF:	1365 bp
Locus ID:	1613
UniProt ID:	<u>O43293</u>
Cytogenetics:	19p13.3
Domains:	pkinase, TyrKc, S_TKc
Protein Families:	Druggable Genome, Protein Kinase
Protein Pathways:	Bladder cancer, Pathways in cancer
Gene Summary:	Death-associated protein kinase 3 (DAPK3) induces morphological changes in apoptosis when overexpressed in mammalian cells. These results suggest that DAPK3 may play a role in the induction of apoptosis. [provided by RefSeq, Jul 2008]