

Product datasheet for SC117533

DRAK2 (STK17B) (NM_004226) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DRAK2 (STK17B) (NM_004226) Human Untagged Clone
Tag:	Tag Free
Symbol:	DRAK2
Synonyms:	DRAK2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_004226 edited
 ATGTCGAGGAGGAGATTTGATTGCCGAAGTATTTTCAGGCCTACTAACTACAACCTCCTCAA
 ATTCCAATAAAAAATGAAAACTTTAATAATTTCTATATACTTACATCTAAAGAGCTAGGG
 AGAGGTAATTTGCTGTGGTTAGACAATGTATATCAAAATCTACTGGCCAAGAATATGCT
 GCAAAATTTCTAAAAAGAGAAGAAGAGGACAGGATTGTCGGGCAGAAATTTTACACGAG
 ATTGCTGTGCTTGAATTGGCAAAGTCTTGTCCCGTGTTATTAATCTTCATGAGGTCTAT
 GAAAATACAAGTGAAATCATTGATTTGATATTGGAATATGCTGCAGGTGGAGAAATTTTCAGC
 CTGTGTTTACCTGAGTTGGCTGAAATGGTTTCTGAAAATGATGTTATCAGACTCATTAA
 CAAATACTTGAAGGAGTTTATTATCTACATCAGAATAACATTGTACACCTTGATTTAAAG
 CCACAGAATATATTACTGAGCAGCATATACCCTCTCGGGGACATTAATAAGTAGATTTT
 GGAATGTCTCGAAAAATAGGGCATGCGTGTGAACCTTCGGGAAATCATGGGAACACCAGAA
 TATTTAGCTCCAGAAATCCTGAACTATGATCCCATTACCACAGCAACAGATATGTGGAAT
 ATTGGTATAATAGCATATATGTTGTTAACTCACACATCACCATTTGTGGGAGAAGATAAT
 CAAGAAACATACCTCAATATCTCTCAAGTTAATGTAGATTATTCGGAAGAAACTTTTCA
 TCAGTTTCACAGCTGGCCACAGACTTTATTTCAGAGCCTTTTAGTAAAAATCCAGAGAAA
 AGACCAACAGCAGAGATATGCCTTTCTCATTCTTGCTACAGCAGTGGGACTTTGAAAAC
 TTGTTTCACCTGAAGAACTTCCAGTTCCTCTCAAACCTCAGGATCATTCTGTAAGGTCC
 TCTGAAGACAAGACTTCTAAATCCTCCTGTAATGGAACCTGTGGTGATAGAGAAGACAAA
 GAGAATATCCAGAGGATAGCAGCATGGTTTCCAAAAGATTTTCGTTTCGATGACTCATT
 CCAATCCCATGAACTGTTTCAGATTTGCTCTGTTAG



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_004226 unedited TACTATAGGGCGGCCGGAATTCGGCACGAGGGTCTCTCCGCTGCTGTCCGAGGATC ACTTCACGAGAAGCCAGGTCACAACCGTCGGCCCTTGTCTGAAAAAGTAAAAGTGGATCC TGCCACGTTCCGAGCTCCCTGGCGCCTCGCCCGGCTGGAGCTAGAGAAGCTCGTCTGTGG CGGCCCCGGCGTGGGGCGGGACAGCGGCCCTGGAGGGGGCAGTCCCAGGAGAACCTG CGGCGGCCGAGCGGTAAAAATAAGTGACTAAAGAAGCAGACCTGGGAATCACCTAACAT GTCGAGGAGGAGATTTGATTGCCGAAGTATTTCCAGGCCTACTAACTACAACCTCCTCAAT TCCAATAAAAATGAAAACTTTAATAATTCTATATACTTACATCTAAAGAGCTAGGGAG AGGTAAATTTGCTGTGGTTAGACAATGTATATCANAATCTACTGGCCAAGAATATGCTGC AAAATTTCTAAAAAGAGAAGAAGAGGACAGGATTGTCGGGCAGAAATNTACACGAGAT TGCTGTGCTTGAATTGGCANAGTCTTGTCCCCCGTGTATAAATCTCATGAGGTCTATGA NAATACCAGTGAAATCATTNTGATATTGGAATATGCTGCANGTGGAGAAAATTTCCAGCCT GTGTTTACCTGAGTTNNGCTGAATGGTTNCTGAAAATGATGNTATCAGACTCATTAAACC AATACTTNGANGGAGNNTATATCTACATCAGAATAACATTGTACACCTTTGATTNNAAG CCACAGATATTACTGAGCAGCATAATACCCTCTCCGGGGACATTAANAAGTAGATT TTGGNAATGTCTCCGAAAANGGCATGCGTGGTGACCTCCGGAANTCATGGGACCACC GNNATATTAGCTCCAGAATCCTGACTATGATCCATACCCAGCACAGATTGTGGATATGG NATATAGCATATATGTGGTACTAACATACACATTGTGGGAGAGAATCACGACCTACTCAT TCCTCACGTAGGAGTATCN
Restriction Sites:	NotI-NotI
ACCN:	NM_004226
Insert Size:	2550 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:	NM_004226.2 , NP_004217.1
RefSeq Size:	1707 bp
RefSeq ORF:	1119 bp
Locus ID:	9262
UniProt ID:	O94768
Cytogenetics:	2q32.3
Domains:	pkinese, TyrKc, S_TKc

Protein Families: Druggable Genome, Protein Kinase

Gene Summary: Phosphorylates myosin light chains (By similarity). Acts as a positive regulator of apoptosis.
[UniProtKB/Swiss-Prot Function]