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Product datasheet for SC211343

CKAP2L (NM_152515) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CKAP2L (NM_152515) Human 3' UTR Clone
Symbol:	CKAP2L
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_152515
Insert Size:	2000 bp

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Insert Sequence:

>SC211343 3'UTR clone of NM_152515
The sequence shown below is from the reference sequence of NM_152515. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACATTGGGGTTTCAAACCCCTGAATCATAATTTCTTGATGCTTTTTTTAAAAAAGGTGTTTCAGAACCA
ACATAAGACAAGAAATATTCTTGTCCAAGTGACCTGGAAAAAAAGAGAGGCATCATGGATGCAGATTAT
GGACGCTCAGGACTTAAGTAATTCACTGGGCTTACTCTCAAATTTTCTCTCCCCATGGGAAAATCTTTG
CTTTATGTGTTTAAGACCAGTTTGCCAGTTTTACAGTATACATAAATTTCAAACTTTTGAATATTTACC
CTACAACTATGATAAATATTTATACTTTATTGATCTACTTTAATCCCAACATAGTTTTTTATATCAGAA
GGTTGGTCCCACAATATAATGGGACTTTTCTTTCTGCATCCACCTTAGCAGAGGGCAAGTTCTTTCATC
GTGGAAGATCTGAACTTTGACGCTAGCTTGACAGGCTGAATGGACCTTGACAGATGGCCAAGTCAAAAC
CCCTCATTTTACAGATGAGTTTATGCTAGCTGTGCCTTTGCTCAGAGATCATAAATTTATGTGTGATCT
TTGACTTTCATCACAGTATCCTTGTAAATGAGAGAGAATTCTTGTTTTTTCTATGCCAGGTCTCCTCAG
ATGAAACACAATCCTGAATTGGCATGGTCGTCTAGCTTTTATATTCAAACCTAGTTTTGCATTTGTTAC
TCAGAAACACTTCAAGTAACAAAAGGGGGGCAGGGGAGAGGGGTGGGGAGTGGACACTTGCTTCTTCAG
TTCTTTGCTCAGCTAGGGTATAGCTGGCCTGAGAAGGCAGTGCAAGCCCCAGAGACTGTTGTAGGTTGC
TTTTTCTTCCTCCTGGGCAACTATTTGTGGAAAGGTTTTACCTTAGTCATTATGTAAATATAATTGTGT
AGAAAAACCTAGTCAACACATTTTAAATTTTAGCTTTCTTAATATTTAAGTATTATCTTAAAACAACAT
TAAATTTCTATTAGTTCCTGCTTGTTTATCTTATTTATTATAGAAAACCATGATAATGGCTTTGCATAG
AGAATTAGGAGTTTGTCTAAGGATATACCAGTTGGCTGTCCTAAGAAACAAGGAGCATTCATTACCAAG
GAGAATGGACTTTGATCAAAGGTCTATCAGCCTCATCCAGGAACTAGATTTTTTTAAGGGAAGCAGATC
TATTTCTGAAAGTCAGATTTATAATAAAGCTCAAAAAACTGAGCTATAAACCTGTAATACCAGCAGACT
TTCAATAAGAGACTCTTACAACTCAATTGTGGAAAAACTAATAATTAAAAATGGGCAAAGGACCTGAGC
AGACATTTCTCCAAAGAAGACATAAGAAATGGCCAGTAGGTATAGATATGAAAAGGTGTTCAGCATCAT
TAATCATAAGAATAATGTAAATTAAAACCACTGTGAGCTATCACCTCACATCTATAAGAATGGCTATTA
ACAAGACATGAGATAAATGTTGATGAGATTGTGGAGAAAAGAGAACCCTAGTACACTGTTTGTGGGCGT
GTAGACTGGGGCAGCCGTTATGGAAAACGGTATGGAGGCTCCTAAAGAAATTAAAAATAGAACTGTTAT
CTGACCCTCTTCTGAGTAAGTATGTACCCAAAGAAGATGAAATCACCAGCTGGGCGCAGTGACTCACAC
CTGTAATCCCAGCACTTTGGAGTGGGTGAATCACCTGAGGTCAGGAGTTCAAGACCAGCTTGACCAACA
TGGTGAAACCCCGTCTCTACTAAAAATACAAAAAGTAGGCGGGCATGGTGACGGGCACCTGTAATCCCA
GCTACTTGGGAGGCTGAGGCAGAAGAATCACTTGAACTCGGGAGGTGGAGGTTGCAGTGAGCCAAAATT
GCGTCACTGCACTCCAGCCTGGGTTACAGAGCAAGACTCCATCTCAAAAAAAAAAAAGATGAAATCATC
ACCTCATAAAGATATCTGCACTCACATGTTTGTGGCAGTGTTATTCTCAATAGCCAAGATGTGGAAAC
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: NM_152515.5

Summary:	The protein encoded by this gene is thought to be a mitotic spindle protein important to neural stem or progenitor cells. Mutations in this gene have been associated with spindle organization defects, including mitotic spindle defects, lagging chromosomes, and chromatin bridges. There is evidence that mutations in this gene are associated with Filippi syndrome, characterized by growth defects, microcephaly, intellectual disability, facial feature defects, and syndactyly. There is a pseudogene of this gene on chromosome 20. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015]
Locus ID:	150468
MW:	76.3