

Product datasheet for SC122959

NKAP (NM_024528) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NKAP (NM_024528) Human Untagged Clone
Tag:	Tag Free
Symbol:	NKAP
Synonyms:	MRXSHD
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_024528 edited
 CCACGCGTCCGGCCCCCAGTAGCCATGGCTCCGGTGTCCGGCTCACGCAGCCCCGATAG
 GGAGGCCCTCGGGCTCGGGGGAAGACGTCGCAGTTCGTCGAAGAGTCCGAAGCCCAGCAA
 ATCTGCCCGCTCCCCCGGGGCCCGCTCTCGCTCGCACTCTTCTCTCGGTCCGGGGA
 CCGGAATGGACTCACCCATCAGCTGGGTGGCTCAGCCAAGGCTCCCGAAACAGTCCTA
 CCGCTCACGCTCGCGGTGCGTCTAGAGAGCGGCCCTCTGCGCCCCGGGCATCCCCTT
 CGCTTCTGCCTCCTCGTCAGTCTATTACGGCAGCTACTCGCGCCCTACGGGAGCGACAA
 GCCTTGGCTAGCCTCCTCGACAAGGAGAGGGAGGAGAGCCTGCGGCAGAAGAGATTAAG
 TGAGAGAGAGAGAATTGGAGAATTGGGAGCTCCTGAAGTATGGGGACTTTCTCAAAGAA
 TCCTGAACCAGATTCTGATGAACATACACCAGTGGAGGATGAAGAGCCAAAGAAAAGCAC
 TACTTCAGCTTCTACTTCAGAAGAAGAAAAAAGAAGAAGTCTAGCCGTTCAAAGAAAAG
 GTCCAAGAAAAGGAGAAAAGAAAAATCATCGAAAAGAAAACATAAGAAATTCTGAAGA
 TAGCGACAGTGACTCTGATTCTGAAACAGACTCCAGTGATGAAGATAACAAAAGGAGAGC
 AAAGAAAAGCAAGAAAAGGAAAAGAAGAAGAAACACAGATCGAAGAAATATAAGAAAAA
 GAGGTCTAAGAAGAGCAGAAAAGAGTCCAGTGATTCAAGCTCTAAAGAATCCCAAGAAAG
 GTTTCTGGAAAATCCCTGGAAGGATCGAACAAAGGCTGAAGAACCATCAGATTTAATTGG
 CCCAGAGGCTCCAAAAACACTTACCTCTCAAGATGATAAACCTTTGAACTATGGCCATGC
 TCTGTTACCTGGTGAAGGTGCAGCTATGGCTGAATATGTAAGAGCTGGAAAACGTATCCC
 ACGAAGAGGTGAAATTGGCTTGACAAGTGAAGAAATTGCATCATTGAAATGCTCAGGTTA
 TGTAATGAGTGGTAGCAGGCATCGCCGAATGGAGGCTGTGCGACTGCGAAAAGAGAACCA
 GATCTACAGTGCTGATGAGAAGAGGCCCTTGATCCTTTAACCAAGAAGAGAGACGAAA
 GAGAGAGAACAAGATTCTGGCCAGTTTTTCGAGAAATGGTTTACAGAAAGACCAAAGGGAA
 GGATGACAAATAAAGATTTTCTGATTGTCCAGAAGACATTTTTAACAAACAAAAAGAAAG
 TCTGGTTCCACACATACATAGAAAAAGATTATTATGTTCTGAGAAAGCTTTACAGTGCT
 ACTGTGCCTTCTATTTAATTCTTTCAGTCCTTCAATAAAAAGCTGCTTATTGATAAAAAA
 AAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_024528 unedited TCGTATTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCCTGGGATATCGTCGACC CACGCGTCCGGCCCCCAGTAGCCATGGCTCCGGTGTCCGGCTCACGCAGCCCGGATAGG GAGGCCTCGGGCTCGGGGGGAAGACGTCGAGTTCGTGCGAAGAGTCCGAAGCCAGCAA TCTGCCGCTCCCCGCGGGGCCCGCTCTCGCTCGCACTTTGCTCTCGGTCCGGGGAC CGGAATGGACTCACCCATCAGCTGGGTGGCCTCAGCCAAGGCTCCCGAAACCAGTCTAC CGCTCACGCTCGGGTCCGGTTCTAGAGAGCGGCCCTCTGCGCCCCGGGGCATCCCCTTC GCTTCTGCTCCTCGTCACTATTACGGCAGCTACTCGCGCCCTACGGGAGCGACAAG CCTTGGCCTAGCCTCCTCGACAAGGAGAGGGAGGAGAGCCTGCGGCAGAAGAGATTAAGT GAGAGAGAGAGAATTGGAGAATTGGGAGCTCCTGAAGTATGGGGACTTTCTCAAAGAAT CCTGAACCAGATTCTGATGAACATACACCAGTGGAGGATGAAGAGCCAAAGAAAAGCACT ACTTCAGTTCTACTTCAGAAGAAAGAAAAAGAAAGTCTAGCCGTTCAAAGAAAGG TCCAAGANAAGGGAGAAGAAAAATCATCGAAAAGAAAACATANGAAGTATTCTGAAGAT AGCGACAGTGACTCTGATTCTGAAACAGACTCCGGTGATGAAGATAACCANAGGGAGAGG CAAGAAGCCCAAGAAAAGGGAAAGNAGGNNAGAACNCCGTTCGAAGGAATNNTAGGAAAA AGAGGTCTTAGAGGAGCAGAAAGGAGTCCAGTGATTGAGCTTTNAAGAAATCCCAGAAGA GTTTCTTGAAATCCCTGGGAGGATCCGACAAAGGCTGAGGACCTCTGATTTATT
Restriction Sites:	Please inquire
ACCN:	NM_024528
Insert Size:	1450 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_024528.1 , NP_078804.1
RefSeq Size:	1608 bp
RefSeq ORF:	1248 bp
Locus ID:	79576
UniProt ID:	Q8N5F7
Cytogenetics:	Xq24

Gene Summary:

This gene encodes a protein that is involved in the activation of the ubiquitous transcription factor NF-kappaB. This protein is associated with the the histone deacetylase HDAC3 and with the Notch corepressor complex, and it thereby acts as a transcriptional repressor of Notch target genes. It is also required for alphabeta T cell development. A related pseudogene has been identified on chromosome X, while a related and intronless retrocopy, which has an intact CDS and may be functional, is located on chromosome 6. [provided by RefSeq, May 2010]