

Product datasheet for MC202867

Nkap (NM_025937) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nkap (NM_025937) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nkap
Synonyms:	2610020O08Rik; AA987160; A1849147; AL024236
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC026774 sequence for NM_025937
 AGGACTCTGGGTCGGGGGAAGGGGTTTACCGCTGTACACGGAACTGTTTCCAAGTTGGTTTTTTTTGTTT
 GTTTGTTTGTGTTGCTTTTTTTTCGGATTTGGTCGGCTGCAAGCTCTAGGACCCTAGGTGTCGGGAC
 CTTTGGGGGTCGCGAGAGCGCCTCCTTGTCCCGCCCTTGGTAGCTTCAGCTTCCCCACCATGGCTCCT
 GTATCGGGCTCGCGTAGCCCTGAACGGGAGGCCTCCGGGGCGAAGCGTCGCACTCCATCGCGGAGCCCCA
 AATCCATCAAATCTCCCGCTCCCGCGGTGTCGCGGTCTCGCTCGCGCTTTGTTCTCGGTTCCGCGCA
 CCGGAATGGCCTCAGTCATTGCTGAGTGGCTTACGCCAAAGCTCCGAAATCAATCTTACCCTCCCGC
 TCTCGATCGCGCTCTCGCAACGGCCCTCGGCACAGCGGAGCGCCCGTTTGTCTGCATCCTCGTCCG
 CCTATTACGGCGGCTACTCGCGTCCCTACGGGGGCGACAAGCCATGGCCTAGCCTGCTGGACAAGGAAAG
 GGAGGAGAGTCTCCGGCAGAAGAGATTAAGTGAAGAGAGAGGATTGGAGAATTGGGAGCTCCTGAAGTT
 TGGGGACTTTCCCAAAGAATCCTGAACCAGACTCTGATGAACATACACCAGTAGAGGATGAAGAACC
 AGAAAAGCACTACTTTCAGCATCTAGTTCAGAAGATGATAAGAAGAAGAAAAGGAAATCTAGTCATTCAA
 AGAAAAGAGCCAAAGAAAAGAGAAAAGAAAAGTCACTAAAAGAAAACATAAAAAGTATTCTGAAGATAGC
 GACAGTGACTCTGAATCTGACACAGACTCCAGCGATGAAGATTCAAAAAGAGAGCAAAGAAAGCTAAGA
 AAAAGGACAAGAAAAGAAACGAAGAGGGAAGAAATACAAGAAAAGAAAGTCTAAGAAAACAGAAAAGA
 GTCCAGTGATTCGAGCTCTAAAGAGTCCCAAGAAGAAATTTCTAGAGAATCCTTGGAAAGGATCGATCAA
 GCAGAAGAACCATCAGATTTGATTGGCCAGAGGCTCCAAAACCTTGCCTCCCAAGATGATAAGCCTT
 TGAATATGGCCACGCTCTGTTACCTGGTGAAGGCGCAGCTATGGCTGAATATGTAAGTGGCAGCG
 TATCCCAAGAAGAGGTGAAATTTGGCTTGACAAGTGAAGAGATCGCATCATTTGAATGTTCCGGTTACGTA
 ATGAGTGGTAGCAGGCATCGCCGAATGGAGGCTGTTGACTTTCGAAAGAGAACCAGATCTACAGTGTG
 ATGAGAAGAGAGCCCTTGCATCCTTTAACCAAGAAGAAAAGACGAAAGAGGAGAAACAAGATTCTGGCCAG
 CTTTCTGAGATGGTATACAGAAAAGACAAAGGGAAGGATGACAAGTGAAGACTTCTGGCTTTACAAGT
 GAATATTTTTAACATCGAAAAGGAAATTTGGGTTCTAACAAACAAAAGCTTATTCTTTGTTTCTGTTTT
 GAGTTATTGTTTGTATGATGTTTCAACTAGCCAGGTTGACCTCAGGCTTTGTAGCCAAGGATGACTCT
 GAACTCTTGGTCTCCTGCCTCCACCTTCCAAGTGTGAAATTCGAGGTGTGTGCCACCAGGCTCAGCCAA
 AAAGGCTACTGTGCTATGAAGTGGCTTTTTCAGGGCTTCTGTGCCTTCTTTTAAATCTTCAGTCTTCAA
 TAAAAGATGCTTGTGATAAAAAAAAAAAAAAAAAA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_025937
Insert Size:	1248 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:	BC026774 , AAH26774
RefSeq Size:	1783 bp
RefSeq ORF:	1248 bp
Locus ID:	67050
UniProt ID:	Q9D0F4
Cytogenetics:	X A3.3
Gene Summary:	Acts as a transcriptional repressor. Plays a role as a transcriptional corepressor of the Notch-mediated signaling required for T-cell development. Also involved in the TNF and IL-1 induced NF-kappa-B activation. Associates with chromatin at the Notch-regulated SKP2 promoter (By similarity).[UniProtKB/Swiss-Prot Function]