

Product datasheet for **RN207954**

Nkap (NM_001024872) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nkap (NM_001024872) Rat Untagged Clone
Tag: Tag Free
Symbol: Nkap
Synonyms: 2610020o08rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN207954 representing NM_001024872
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTCTGTGTCGGGCTCGCGTAGCCCTGTACGGGAGGCTCCGGGGAAAGCGTCGCAGTTCGTCGA
 GGAGCCCCAAATCCATCAAATCTCCCGCTCCCGCGATGTCGCCGGTCTCGCTCGCGCTTTGTTCTCG
 GTTCGGTGACCGGAATGGCCTCAGCCATTCGCTGAGTGGCTTCAGCCAAAGCTCTCGAAACCAATTTAT
 CGCTCCCGCTCTCGATCGCGTTCTCGAGAACGGCCTTCTGCACAGCGGAGTGCCCGTTTCGCGTCTTCAT
 CCTCGTCCGCTATTATGGCGGCTACTCGCGTCCCTACGGGGTGACAAGCCATGGCCTAGCCTGTGGGA
 CAAGGAAAGGGAGAGAGTCTGCGGCAGAAGAGATTAAGTGAAAGAGAGAGGATTGGAGAATTGGGAGCT
 CCTGAAGTTTGGGACTTTCCCCAAAGAATCCTGAACCAGACTCTGATGAACATACACCAGTAGAGGATG
 AAGAACCAAGAAAAGCACTACTTCAGCATCTAGTTTCGGAAGATGATAAGAAGAAGAAAAGGAAATCTAG
 TCGTTCAAAGAAAAGAGCCAAGAAAAGAGAAAAGAAAAGTCAATCAAAGAAAACATAAGAAGTATTCT
 GAAGATAGCGACAGTGACTCAGAGTCTGACACCGACTCTAGTGATGAAGATTCAAAAGAAAGAGCAAAGA
 AAGCTAAGAAAAGGAAAAGAAGAAGAAACGAAGAGGGAAGAAAACAAGAAAAGAAAGTCTAAGAAAA
 CAGAAAAGGAGTCCAGTGATTCAAGCTCTAAGAGTCCCAAGAAGAATTTCTAGAGAATCCGTGGAAGGAT
 CGATCAAAGACAGAAGAACCATCAGATCTGATTGGCCAGAGGCTCCCAAAACACTTGCCCTCCAAGATG
 ATAAGCCCTTGAACATATGGCCACGCCCTGTTACCTGGTGAAGGTGCAGCTATGGCTGAATATGTAAGGC
 TGGCAAGCGTATCCCGAGAAGAGGTGAAATCGGCTTAACAAGTGAAGAGATCGCATCATTGAAATGTTCC
 GGTTATGTAATGAGCGGCAGCAGGCATCGCGAATGGAGGCTGTCCGACTTCGGAAGAGAACCAGATCT
 ACAGTGCCGATGAGAAGAGAGCCCTTGCCTCCTTTAACCAAGAAGAAAGACGGAAGAGGGAGAACAAGAT
 TCTGGCCAGCTTTCGCGAGATGGTGTACAGAAAGACCAAGGGAAGGATGACAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001024872
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:	<u>NM_001024872.1</u> , <u>NP_001020043.1</u>
RefSeq Size:	1466 bp
RefSeq ORF:	1248 bp
Locus ID:	298342
UniProt ID:	<u>Q4V7C9</u>
Cytogenetics:	Xq35
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]