

## Product datasheet for **RN200956**

### **Kifap3 (NM\_001105964) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Kifap3 (NM_001105964) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kifap3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN200956 representing NM\_001105964  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCAAAGCGAGGACGCCAGATACCTCAAAGCATCCGCCTGAAGAGTCTCAATGCTAACACAGACATAA  
 CCTCTCTGGCCGGAAAAGTGGTTGAAGAATGTAAACTCATCCATCCCTCAAAGCTCAATGAGGTGGAACA  
 GCTTTTGTACTATCTACAGAACCGCCGTGACTCATTGTGAGGAAAAGAAAAGAAAAGTCTAGCAAG  
 CCTAAAGACCCACCTCCTTTTGAAGGGATGGAGATTGACGAGGTGGCCAACATTAACGACATGGATGAGT  
 ACATTGAGCTCTTGATGAAGACCTTCCAGACAAGGTCGGGGCTCGGCCTTGATCCTACAGCTTGCTCG  
 AAATCCTGATAACCTGGAAGAGCTATTATTAATGAACTGCCCTGGTGCCTAGCAAGAGTCTGAGA  
 GAAGACTGAAACAAAGCGTTGAGTTAGCTACAAATATCATTATATCTTCTTTTCTCTAGCTTTT  
 CTCATTTTCATGGACTCATCACTACTATAAAATGGAGCACTGTGTATGAATATCATTGATCATGAGTT  
 AAAAAGACACGAGCTTTGGCAAGAAGAAGCTTTCTAAGAAGAAGAAGCTTTGATGAAGACCTTGAAAAT  
 CAAACTTTGAGAAAGGATTATGACAAAACCTTTAAAAAATACCGAGGACTTGTGGTAAAAACAAGAGCAGC  
 TCTTGAGAGTTGCTCTCTATTTGCTTCTGAATCTTGCAGGACACGCGTACGGAACTGAAGATGAGGAA  
 CAAGAATATCGTTCACATGTTGGTGAAGGCTCTTGATCGGGACAATTTTGAAGCTGCTCATTCTAGTCGTG  
 TCATTCTTAAAGAACTCAGTATTTTTATGGAGAATAAAAATGACATGGTAGAGATGGATATTGTTGAAA  
 AACTGGTAAAAATGATCCCTGTGAGCATGAAGATCTTCTGAACATCACCTCCGGCTCCTCTTAAACCT  
 CTCATTGACACAGCCCTGAGGAACAAGATGGTACAAGTTGGACTCCTCCGAAGCTCACTGCACCTTTG  
 GGCAATGAAAACATAAAACAAATAGCGATGTGTGTGCTTTACCACATAAGCATGGATGACCGCTTCAAGT  
 CCATGTTGTCATATACTGACTGCATACCACAGTTAATGAAGATGCTCTTTGAATGTTGAGATGAACGAAT  
 TGACTTTGGAGCTGATTTCTTTCTGCATTAATCTTGTCTAACAAGAGAATGTTGAGTCACTCTGTGAA  
 GGAAATGGGCTGAAGATGCTCATGAAAAGAGCGCTGAAGCTCAAGGACCTCTGCTGATGAAGATGATCA  
 GGAACATCTCCAGCATGATGGACCCACTAAGAATTTGTTCAATTGATTATGTTGGGGACCTTGCAGCCCA  
 GATTTCCAGTGATGAAGAGGAGGAGTTTGAATCGAGTGTGGGAACACTGGCGAATCTGACAATCCCA  
 GATCTAGACTGGGAACTGTTTCTGAAGGAGTACAAGCTGGTCCATTCTCAAAGACAAGCTAAAGCCAG  
 GTGCTGCAGAAGATGACCTTGTGTTAGAAAGTGGTCAATGATTGGAACAGTATCTATGGATGACTCTTG  
 TGCTGCACTGCTAGCTAAATCTGGGATAATCCAGCACTCATCGAAGTCTGAATGCTCAACAAGAAGAT  
 GATGAATTTGTGTGTCAGATAATTTATGCTTCTATCAGATGGTTTTCCATCAGGCCACAAGAGATGTC  
 TAATCAAAGAAAACACAAGCTCCAGCATATCTCATAGACCTGATGCATGATAAAAAAATGAATCCGGAA  
 AGTCTGTGATAACACGTTAGATATTATCGCAGAGTATGATGAAGAGTGGGCAAAGAAAATTCAGAGTGAG  
 AAGTTTCGCTGGCATAACTCTCAGTGGTTGGAGATGGTGGAGAGTCGTCAGATGGATGAGAGTGAGCAGT  
 ACTTATATGGTATGACCGGATTGAGCCGTACATCCAAGAAGGAGACATCTTGAAGGCGCTGACCTCTT  
 CTACAACCTCAGATGGACTAATCACCTCTGAAGGAGCTCTAAGTCCAGACTTCTTCAATGACTTTACCTC  
 CAGAATGGAGACGTGGTTGGACAGCACTATTTCTGGCAGCACTGTCCACCAAGGATGTCAAAGTGTCT  
 TTGCAAACATGC**ACTAA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII

**ACCN:** NM\_001105964

**Insert Size:** 2187 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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001105964.1, NP_001099434.1</u>
<b>RefSeq Size:</b>	3881 bp
<b>RefSeq ORF:</b>	2187 bp
<b>Locus ID:</b>	289168
<b>Cytogenetics:</b>	13q22