

## Product datasheet for **MC202501**

### Ikbkap (NM\_026079) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ikbkap (NM\_026079) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ikbkap  
**Synonyms:** 3110040G09Rik; 6030413P05; C78473; Elp1; IKAP  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC052387 sequence for NM\_026079  
 GTTTCCTCGTCTCCCGTGTGCATCGGCGGTTCCCTTCCAAACCCAGTGCGCCGTGAGGGCTCGGAGCCGCC  
 TCGAGGGCGTCGTAGAAATTGCTTCATCATGAGAAATCTGAAGTTGCATCGGACCCTGGAGTTTCGGGAC  
 ATTCAGGCACCAGGAAACCTCAGTGTTTCTGTCTGCGAGCTGAGCAGGGCACGGTGCTGATTGGCTCAG  
 AACGTGGACTGACGGAAGTAGATCCTGTGAGAAGAGAAGTGAAGACTGAAATTTCTTTGGTGGCAGAAGG  
 TTTTCTCCAGAGGATGGAAGTGCTGCATTGTGGGTATTGAGGACTTGCTGGATCAGGAATCTGTGTGT  
 GTGGCCACCGCTCTGGGACGTCATAGCTGCAATCTCAGCACACAGCAGCTGGAATGTGTGGGAGTG  
 TGGCCAGTGGTATCTCTGTGATGAGCTGGAGTCTGATCAAGAACTGCTGCTTCTGCCACAGCTCAACA  
 GACCCTGATTATGATGACAAAAGACTTTGAAGTGATCGCAGAGGAGCAGATCCACCAGGATGATTTTGA  
 GAAGGCAAGTTTGTCACTGTTGGATGGGACGTAAGCAGACCCAGTTCACGGCTCAGAAGCAGGCCAA  
 CAGCCTTCCGGTGCAGTTGCCGAGAAATGCCCTGGCCTGGGACGACCCGACAGCCACACATTACCTGGCG  
 TGGGGATGGGCAGTATTTGCTGTGAGTGTGTTGTGCGACAAACAGAGGCTCGGAAGATCCGCGTATGG  
 AACCGAGAGTTTGCCTTGCACTCAACAGTGAGTCTGTGCCAGGACTGGGGCCCGCCTGGCTTGGAAAC  
 CCTCAGGCAGTTTGATTGCATCTACTCAAGATAAACCCAAACCAGCAAGATGTTGTGTTTTTGGAAAAA  
 TGGACTTCTTCATGGACATTTTACACTTCTTTCTTAAAAGATGAAGTTAAGGTAATGACCTGTGTGG  
 AATGCAGATTCCTCGGTGCTTGTATATGGCTAGAAGACCTCCAAAGGAAGACAGTTCCACTCTGAAAA  
 GCTATGTCCAGCTCTGGACCGTGGGAACTATCACTGGTATCTGAAGCAAAGCCTGCCCTCAGCACCAC  
 TGGGAAGAACCAGATCGTGTCTCTGCTGTGGGACCCGGTACGCCGTGTGACTCCATGTTCTCTGTACG  
 GGCTGGCGGTATCTATGCTGTGACTGGCACTGGACCAGTCTGGAGCTCTGGGAATAGTGCCAATGACT  
 TGGCAAATGTGGCTGTTATTGATGGAAACAGGGTGTGGTGACAGTCTTTCGGCAGACGGTCCGCCACC  
 TCCCATGTGTACCTACCGCTGCTGATCCACATCCAGTGAATCAAGTCATATTCTCTGCTCACCTTGGG  
 AATGACCTTGCTGCTCCTCGACGCCAGTAACCAGATTTCTGCTACAAGTGTGGTGATAAGCCAAACATGG  
 ATTCCACAGTGAACACTAGGAGCCGTGGGTGAAAATGGATTTAAAGTTCCTTACAAACACCTCATTTGGA  
 AAAGAGATACTCGATTAGTTCCGGAAACATGAAGAAGAAGAAGAAGAAGTAAACGCACTGCAGTTG  
 AGCTTTCTCACCTGGGTGAAGACGACACTTTCTGGCTATAAGCTACAGTCACTCCAGCTCACAGTCCA  
 TCATTACCATTGACTGTGACCCATTCTGAGGTGGATGAGGAGCAAGGCCAGCTGGATGTCAGTTCGTC  
 TGTGACAGTGGATGGAGTCGTCATTGTTTATGCTGCTGTTCTAAGACCAAGTCATTAGCAGTACAGCTG



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GCTGATGGCCAGGTGCTCAAGTACCTTTGGGAGTCACCTTCTCTGGCTGTGGAACCTGGAAGAATTCTG  
AAGGAATTCCTGTTTCGATTTGTTTCATCCATGCACACAGATGGAAGTAGCCACGATTGGAGGAGAGGAATG  
TGTCCCTGGTCTGACTGACAGGTGTCGCTTTTTATCAATGACACTGAGGTGCGATCAAATATCACGTCA  
TTTGCTGTGTGATGACTTTCTACTGGTGACAACCCATCCCACACCTGCCAGGTTTTCTCCCTAAGTG  
GTGCCTCACTTAAATGCTACAGGCAGCTCTGAGTGGCAGTCAAGAGCCAGTGGAGAAATCTGCGGAA  
AGTGGAAAAGGGTTACCGGATCGTGACAGTTGTTCCCCAGGACACAAAGCTTATACTACAGATGCCAAGG  
GGAAACCTGGAGTTGTTTCATCATCGGGCCTTGGTCTTGGCACAGATTGGAAGTGGCTGGACAAACTTA  
TGTTTAAAGAAGCATTGAAATGCATGAGGAACTGAGAATTAACCTCAATCTGATTCATGACCATAAACC  
CAAGGTCTTTCTCGAAAATGTGGAAACCTTCGTAACACAGATTGATTCTGTAAATCATATAAATTTGTTT  
TTCACAGAACTCAGGGAAGAAGATGTCACAAAGACCATGTACCCTCCCCGATTACCAAGAGTGTCCAGG  
TGTCCACACATCCTGATGGGAAGAACTTGACCTCATCTGTGACGCCATGAGAGCAGCCATGGAGGCCAT  
CAATCCTCGAAAGTTCTGCCTGTCGATACTCACATCTCATGTGAAGAAAACACCCCGAGCTGGAAAT  
GTGCTGCAGAAGGTACAGGAACTCAAGGAAATCTCCCTTTGATCCTGAGAGTGTGAGTGTAGAGGAGG  
CTTTGAAATACCTGCTGCTCCTGGTGGATGTTAATGAGTATTTAATCACTCCCTGGGACCTATGACTT  
TAATTTAGTCTCATGGTAGCTGAGAAGTCACAAAAGGATCCTAAAGAATATCTTCCATTTCTGAATACA  
CTTAAGAAAATGGAACTAATTACCAGAGGTTCCCATAGACAAGTACTTGAAACGATATGAAAAGGCC  
TTGGACACCTCAGCAAGTGTGGACCTGAGTATTTACAGAAATGCTTAAATTTGATAAAAAGATAAAAACCT  
GTATAAAGAAGCTCTCAAGTTATATCGTCCAGACTCACCACAGTACCAGGCGGTGAGCATGGCTTATGGC  
GAGCACCTGATGCAGGAGCACCTGTACGAGCCAGCAGGGCTGGTGTGGCCCGCTGTGGGGCCAGGAGA  
AGGCACCTGAAGCATTTTTGGCTGTGGCAGCTGGCAGCAAGCCCTCTGTGTGGCTGCCAGCTTCAGAT  
GTCAAAGACAAGGTGGCTGGCCTTGTAGAACTCTGGCAGGAAAGCTGGTGGAGCAGAGGAAGCACAGT  
GAGGCAGCCACAGTCTGGAACAGTACGCCAGGATTATGAAGAGGCTGTGCTCCTGCTGCTAGAAGGAT  
TGCTTGGGAAGAAGCTCTGAGGCTGGTCTACAAGTATGACAGAGTGGATATTATAGAAAACAGTGTAAA  
GCCTTCCATTTTGAAGCCCAAAAAAATTACATGGACTTTCTGGACTCTGAGACAGCCACATTTCATTCGC  
CATAAAAACCGCTTGCAGGTGGTTCGAGCGCTCAGGAGGCAAGCACAGGTCCATGTGGATCACGAGG  
TGGCCATGGCCAGAGTCAAGACCTCTTCTCGAAAACAGCAGTATTATGAGTGGCAGTGAATGAGTGG  
CAGATACTCCACAGTAACTCCAGGATATCTGCGAGGTGATCTAAAACCGTGGAAAGCAGAGCGCAAG  
AAGCATAGCCTCAAAGAAGGGAGTCTCTGGAGGGCTGGCTCTTCTGGAGGCGCTGAGTGAAGTGGTAC  
AAAGTGTGAGAAGCTAAAAGATGAGGTGCGTGTATTTGAAGGTGCTCTTTCTTTGAGTTTGAAGA  
GCAAGCAAAGGAGTTACAGAGAGCCTTTGAGAGTACTCTGCAGCTGATGGAGAGGGCAGTCCAGAGATC  
TGGACTCTGCCGCCAACAGAGTTCAACCACACCGGTCTAGGTCCCAGCTCCACTGCGAATAGCATCA  
CAGCCTCTTACCAGCAGCAGAAGACTTGTGTCCCTGCTCTCGATGCTGGGTTTTATATGCCACCGAAGAT  
GGACCCGAGAAGCCAGTGAAGCTGAGCCTGCTGGAATGACTGCCCTGTTAGGAAGGCCTTGCCGGGAAG  
ACCGTTTTGTCCACTCACTCTTCGTGCTTCTAGCTGTGGAGAAGTGGGATGTGGAAGAGTCTGCCTTTGAA  
CAGCCTCAGTAGCACTAGGCAGTCCCCACTTTCTTTGGGTATACATCTTAGGTAATATGTCAGAACTT  
CGTTTTAGCCAGCTTATTGCAGTCTTTTAAAAATTTGCTGTTTAGCTGGCTATAGTAGGACATGCCTATA  
ATCCCAGCAGCCAGGAAGCTGGGGCAGAAAGACTGATGCAAGTTCAAGACCAGCATGGCCTTATCTCAA  
ACAACCCATCCTGCTGTTCTTGTACTCAGTACTGTTTGAAGCATGGTTAGGCAGATCATGAACTGGAG  
TCTCGTTTTCTGTTACAACCTTGGACAGCTCATATTGATTTGATCCTCAGTTCTGTTTTCATAGGGAA  
TGATGTTTCATGGTTTCTACCTCAAAAAGTGAAGACAAGTGAAGCAAGTGGAAACCGTTTCTAAGTTGCTCTGTGTTG  
TTAACATAGTGCATGGTATTATGATAGGAGTGTAGTGTGCCAGCTTTTGTAGTAAAGTGTGATTGCATAGC  
TGGCATCTGTGCATTAACCTCAAAGCAGAAATAAAAAGCTGTTTGGGGACTGGAAAAAAAAAAAAAAAAAAAAA AAAAA

**Restriction Sites:**

AscI-NotI

**ACCN:**

NM\_026079

**Insert Size:**

4002 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>	<a href="#">BC052387</a> , <a href="#">AAH52387</a>
<b>RefSeq Size:</b>	4765 bp
<b>RefSeq ORF:</b>	4002 bp
<b>Locus ID:</b>	230233
<b>UniProt ID:</b>	<a href="#">Q7TT37</a>
<b>Cytogenetics:</b>	4 31.66 cM
<b>Gene Summary:</b>	May act as a scaffold protein that may assemble active IKK-MAP3K14 complexes (IKKA, IKKB and MAP3K14/NIK).[UniProtKB/Swiss-Prot Function]