

## Product datasheet for **RN206563**

### **Ikbbk (NM\_053355) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ikbbk (NM_053355) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ikbbk
Synonyms:	AIM-1; IKK2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN206563 representing NM\_053355  
 Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC  
 GCC

ATGAGCTGGTACCTTCTCTCCCAACCCAGACATGTGGGGCTGGGAAATGAAAGAACGCCCTCGGA  
 ACTGGGGATTTGGAAACGTCAATCCGGTGGCACAATCAGGTGACAGGTGAACAAATTGCCATCAAGCAATGCCG  
 ACAGGAGCTCAGCCCAAGAACCAGCGATCGCTGGTGCCTAGAGATCCAGATCATGAGAAGCTGAACCAT  
 CCCAACGTGGTGGCCGCCGGGATGTCCAGAGGGGATGCAGAACTTGGCACCCAATGATTTGCCTCTGC  
 TGGCCATGGAGTACTGCCAAGGAGGAGACCTCCGGAGATACTTGAACCAGTTCGAAAACCTGTGTGGCCT  
 CCGGAAGGAGCCATCCTCACCTGCTGAGTGACATAGCATCGGCTCTTAGATACCTTCATGAAAACAGA  
 ATCATCCACCGGACCTGAAGCCAGAGAATTGTCTACAGCAAGGAGAGAAAAGATTAATACACAAAA  
 TTATTGATCTAGGATATGCCAAGGAGCTGGATCAGGGCAGTCTGTGCACGTCATTTGTGGGACCCTGCA  
 ATACCTGGCCCCAGAGCTTCTGGAGCAGCAGAAGTACACCGTACTGTTGACTACTGGAGCTTCGGCACC  
 CTGGCCTTTGAATGCATACCCGGCTCCCGCCCTTCTCCCTAACTGGCAGCCTGTGCAGTGGCACTCTA  
 AAGTCCGGCAGAAGAGCGAAGTGGACATTTGTTGTTAGCGAGGACTTGAACGGAACAGTGAAGTTCTCAAG  
 TTCCTTACCCTTCCCAATAATCTCAACAGTGTCTGGCTGAGCGTCTGGAGAAGTGGCTTTCAGCTGATG  
 CTCACGTGGCAACCTCGGCAAAGGGGCTGGACCCCCAGTACGGTCCCAATGGCTGTTTCAGGGCCCTCG  
 ATGACATCTTGAACCTAAAGCTGGTTTATATCTTGAACATGGTTCACAGGCACCATTCACACATACCTGT  
 GATGGAGGATGAAAGTCTGCAGAGCTTAAAAACAGAAATCCGGGAAGACACAGGGATCCTGGAGACAGAC  
 CAGGAACTGCTGCAGGAGGCAGGGCTGGTGTCTCCCTGACAAGCCTGCTACTCAGTGCATCTCAGACA  
 GCAAGACAAATGAGGGCCTCACACTGGACATGGATCTCGTCTTTCTTTGACAACAGTAAAATGTCCTA  
 TGAGACTCAGATACCCCCGACCCCAACTGAGAGCGTCAAGTGTGCTTTCAGGAGCCCAAGCGGAAC  
 CTCTCCTTCTTCCAGATGAGGAAAGTGTGGGGCAAGTCTGGCACAGCATCCAAACGCTGAAGGAAGACT  
 GTAACCGGCTGCAGCAGGGACAGCGAGCTGCCATGATGAACCTCCTTCGGAATAACAGCTGCCTCTCCAA  
 GATGAAGAATGCCATGGCCTCCACGGCGCAGCAGCTCAAGGCCAAGTTGGACTTCTTCAAAACAGCATC  
 CAGATTGACCTGGAGAAGTACAGGGAGCAGACGGAGTTTGGCATCACATCGGACAACTGCTGCTGGCCT  
 GGGGGAAATGGAGCAGGCCGTGGAGCAGTGTGGCGGGAGAATGACGTGAAGGTCTGGTGAACGGAT  
 GATGGCACTGCAGACCGACATTGTGGACCTACAGAGGAGCCGATGGGTGGAAGCAGGGGGCACCTTG  
 GATGACCTAGAGGAACAAGCAAGAGAATCTACAGAAGACTCAGGGAGAAGCCAAGAGACCAAGGACAG  
 AAGGTGACAGCCAGGATATGGTACGGCTGCTGCTGCAAGCCATCCAGAGCTTCGAGAAGAAAGTGCGGGT  
 GATTTACTCTCAGCTCAGTAAGACCGTGGTTTGTAAAGCAGAAGGCCCTGGAGCTGCTGCCAAAAGTAGAA  
 GAGGTGGTGAAGCTCATGAACGAGGATGAGAAGACTGTGGTCCGGCTCCAGGAGAAGCGGAGAAGGAGC  
 TCTGGAACCTCCTGAAGATCGCCTGTAGCAAAGTCCGAGGTCCGGTGAAGTGAAGCCAGATAGCATGAA  
 TGTGTCTCGACTTAGTACCCTGGTCACTAATGTCCCAGCCTTCCAGTGCCTGTGACAGCTTACCTGAT  
 TCAGACAAGAAAAGTGAAGAAGTGGTGGCCGAAGCACACGCCCTCTGCTCCCGGCTGGAAGCGCGCTGC  
 AGGACACGGTGAAGCAGCAGGACCGAAGCTTACGACCCTAGACTGGAGCTGGTTACAGATGGAGGATGA  
 AGAAAGGTGTGGCCTGGAGCAGGCTGTGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** AscI-MluI  
**ACCN:** NM\_053355  
**Insert Size:** 2274 bp

<b>OTI Disclaimer:</b>	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="#">NM_053355.2</a> , <a href="#">NP_445807.2</a>
<b>RefSeq Size:</b>	3557 bp
<b>RefSeq ORF:</b>	2274 bp
<b>Locus ID:</b>	84351
<b>UniProt ID:</b>	<a href="#">Q9QY78</a>
<b>Cytogenetics:</b>	16q12.5
<b>Gene Summary:</b>	kinase that may be involved in megakaryocyte polyploidization [RGD, Feb 2006]