

Product datasheet for **RN209896**

Ikbke (NM_001108854) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ikbke (NM_001108854) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ikbke
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209896 representing NM_001108854
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCAGAGTACCACTAACTACCTGTGGCATACTGATGACCTGCTAGGGCAGGGGGCCACTGCCAATGTGT
 ACAAGGCCCGGAATAAGAAATCCGGGGAGGTGGTTGCTGTAAAGGTCTTCAACTCAGCCAGCTACCGGCG
 GCCCCTGAGGTACAAGTGAAGGAGTTCGAGGTCTTGGGAGGCTGGATCATGAGAACATCGTGAAGCTA
 TTCGAGTGGAGGAAACGGGAGGAGCCGGCAGAAAGGTGCTAGTGTGAGTACTGCTCCAGTGGGAGCC
 TGCTGAGCGTGTGGAAGACCCTGAGAACACATTCGGCCTTCTGAGGAGGAGTTCCTGGTGGTACTGCG
 CTGTGTGGTGGCTGGCATGAACCACCTGCGGGAGAATGGCATTGTCCACCGTGACATCAAGCCCGGAAT
 ATCATGCGCTGGTAGGCAAGGAGGGGAGAGCATCTACAAGTGTCTGACTTCGGGGCTGCCCGGAAGC
 TGGACGACGATGAGAAGTTGTTTCTGTCTATGGTACAGAGGAGTACCTGCACCTGACATGTATGAGCG
 GGCAGTGTTCGAAACCCAGCAAAGGCGTTCCGGGTGACAGTGGATCTCTGGAGTATTGGGGTGACC
 TTGTACCACGCAGCCACCGGTAGTCTGCCCTTCATCCCCTTTGGTGGGCCCGGCCAACAAGGAGATCA
 TGTATAGGATCACCACAGAGAAGCCAGCTGGGGCCATTTCCGGGACTCAGAAGCAGGAAAATGGTCCCCT
 GGAATGGAGCTACAGCCTCCCCATCACCTGTAGACTGTCTGTGGGGCTGCAGAGTCAAGTGCACATC
 CTGGCCAAACATCTGGAGGCCGAACAGGCTAAATGCTGGGGCTTCGATCAGTTCTTTGCAGAGACCAGT
 ACATCTGCAGCGAACTGTATCCATGTCTTCCCTGCCCGAGGCGTTTTGCATCACATCTACATCCA
 TGCCCAACAACAGATTGCCATCTTTTGGAGGCTGTATATGAACAGACCAACGTGGCCCCAAACACCAA
 GAATACTTCTTCGAGGGTCAACCTTGTCTCCTCGAGCAAGCCTCTCAGCCAGCACATCGCCACACAG
 CTGCCAGCAGCCCTCTAACTCTGTTGAGCATGGCCAGCAGACACACCAAGGGGCTGGCCTCAGGGACCC
 TGCTCTGGATGTCCCAAAGTTCGTCCCTAAGGTTGACCTACAGGCCGATTACAGCACCGCTAAGGGCGTG
 CTGGGCGCTGTTACCAGGCTTGTGGCTGGCGGGTCTGCTGGATGGACAGGCGTTGATGCTTCGAG
 GGTACTACTGGTCTGGTGGTCTTCAGAACACGTGCCAACAGACACTGGAGATCACACGGACAGCCCT
 CCTCTTCTCAGTAGCAGCCTGGGCACTGAAAGGCTCAGCAGTGGAGCTGGGATGCTTGACATCCAGGAA
 CTAAGGAAGCCACGGAGCTGAGGTCCAGGCTGCAGACTTCTCAGAGGTCTGTCTAAGTGTCCACACA
 ATGTCACAGAAACCCAAAGGAGCCTGAGTTGTCTGTTGGAGAGCTTTTGAAGAGCCGGGATCAGATTCA
 TGAGGATAACAGAAGTATCCAGAAGATTCAGTGTGTTTGGACAAGATGCACTTCATCTACAACAGTTC
 AAGAAGTCTAGGATGAGGCCAGGCTCAGCTACAATGAGGAGCAGATCCACAAGCTGGATAAGGTAATTT
 TTAGTCACCTAGCAAGAGGCTGCTGCAGGTGTTCCAGGAGGAGTGTGCACAGACGATACAGGTGTCACT
 GGTACACATGGCAAGCGGATGAGGCAGGTGCAGAAGGCCAGAACCACCTGCACCTCATTGGCCACTCC
 GTGGCTACCTGTAACCTAGAAGCCCGGGAGCCAGGAGAGCCTGGCCAAGATGTTTGTATCAGCTCCTCC
 TGGACAGAGCTTCCAACAGGGAGCTGAGGTCTACCACAACCTATGGCAACTCATCCCGGCCCGGATCC
 GAAGGACCTGGTCTTCCACATGCAGGAACCTTGTAAATGATATGAAGCTATTGGCCTTTGATCTCCAGGAC
 AACACAGACTCATCGAACGGCTACATAGAGTTCCACCAACACCAGAAGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108854

Insert Size: 2154 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_001108854.1, NP_001102324.1</u>
RefSeq Size:	3235 bp
RefSeq ORF:	2154 bp
Locus ID:	363984
Cytogenetics:	13q13