

## Product datasheet for **MR226596**

### Chuk (NM\_007700) Mouse Tagged ORF Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids                                       |
| Product Name:             | Chuk (NM_007700) Mouse Tagged ORF Clone                   |
| Tag:                      | Myc-DDK   |
| Symbol:                   | Chuk  |
| Synonyms:                 | AI256658; Chuk1; Fbx24; Fbxo24; IKBKA; IKK1; Ikka; NFKBKA |
| Mammalian Cell Selection: | Neomycin  |
| Vector:                   | pCMV6-Entry (PS100001)                                    |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                      |



[View online »](#)

**ORF Nucleotide Sequence:**

>MR226596 representing NM\_007700  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGCGGCCCCCGGGGCTGCGGCCGGCGGGCGGCCCTGGGAGATGCGGGAACGGCTTGGCACCG  
 GCGGTTTCGGGAACGTCACTCTGTACCAGCACCGGAACTTGATCTCAAATAGCAATTAAGTCTTGTCG  
 TTTAGAGCTAAGTTCCAAAAACAGAGAGCGATGGTCCATGAAATCCAGATCATGAAAAAGTTGGACCAT  
 GCGAATGTTGTAAGGCCTGTGATGTCCCTGAGGAATTGAACTTTTTAATTAACGATGTGCCTCTTCTGG  
 CAATGGAGTACTGTTCTGGAGGGGACCTCCGGAAGCTACTCAACAAACCAGAAAATTGTTGTGGACTTAA  
 AGAAAGCCAGATACTTTCTTTACTGAGTGACATAGGATCTGGGATCCGATATCTGCATGAAAAAAAATT  
 ATACATCGAGATCTAAAACCTGAAAATATAGTTCTTCAAGATGTTGGTGGGAAGACAATACATAAAATAA  
 TTGATTTGGGTTATGCCAAGATGTTGATCAAGGAAGTCTCTGTACATCTTTGTGGGAACATTGCAGTA  
 TTTGGCCCGAGCTCTTTGAAAATAAGCCGTACACAGCCACTGTGGATTATTGGAGCTTTGGGACCATG  
 GTGTTTGAATGTATTGCTGGATATAGGCCTTTTTGCATCATCTGCAGCCATTTACTGGCATGAGAAGA  
 TTAAGAAGAAAGATCCAAAGTGTATTTGTCATGTGAAGAGATGACTGGAGAAGTTCGGTTTAGTAGCCA  
 TTTACCTCAGCCAAACAGCCTTTGTAGTTAATAGTAGAGCCAATGGAAGCTGGCTCCAATTGATGCTG  
 AATTGGGACCCACAGCAGAGAGGGGGACCTATTGATCTTACTTTGAAGCAGCCAAGATGTTTTGCATTAA  
 TGGATCACATTCTCAATTTAAAGATAGTGCACATCCTAAATATGACTTCTGCAAAAATCATTCTTTTCT  
 GTTACCATGTGATGAAAGTCTTCATTCACTACAGTCTCGAATTGAGCGTGAACAGGAATAAATACAGGT  
 TCTCAGGAGCTTCTGTGAGAGCAGGGATTTCTCTGGATCCTCGGAAACCAGCCTCTCAGTGTGTCTAG  
 ATGGAGTTAGAGGCTGTGATAGCTACATGGTTTATTTGTTTGTAAAAGTAAGACTGTATATGAAGGACC  
 ATTTGCATCCAGAAGTTTATCTGATTGTGTTAAATTATATTGTACAAGACAGCAAAAATACAACCTGCCAATT  
 ATACAGCTGCGGAAAGTATGGGCTGAAGCAGTGCACACTACGTATCTGGGCTAAAGGAAGACTACAGCAGGC  
 TCTTCCAGGGACAAGAGCAGCAATGTTAAGTCTTCTTAGATATAATGCTAACTTGACAAAAATGAAGAA  
 TACTTTGATCTCAGCATCACAGCAACTCAAAGCTAAATTTGGAGTTTTTTTCGAAAAAGCATTACAGCTTGAC  
 TTGGAGAGATATAGTGAGCAGATGACTTATGGGATATCTTCAGAAAAATGTTAAAAGCATGGAAGAAA  
 TGGAAGAAAAGGCCATTCATCTTCTGAGGTTGGTGTCTTGGTTATCTTGAGGATCAAATATGTCTTT  
 GCACACTGAAATCATGGAGCTGCAGAAGAGCCCTATGGACGACGCCAGGGAGACTTGATGGAGTCTCTG  
 GAGCAGCGTGCCATTGATCTCTATAAGCAGCTAAAGCACAGACCTCCTGATCACTTGTACAGCGACAGCA  
 CAGAGATGGTGAAGATCATCGTGCACACCGTGCAGAGTCAGGACCGTGTCTCAAGGAGCTGTTTGGTCA  
 CCTGAGCAAGTTGTTGGGCTGCAAGCAGAAGATTATTGATCTACTCCCCAAGGTGGAAGTGGCCCTCAGT  
 AACATCAAAGAAGCTGACAATACTGTCTATGTTTATGCAGGGAAAGAGGCAGAAAGAAATTTGGCACCTCC  
 TTAATAATTGCCTGTACACAGAGTTCTGCCCGCTCTCTTGTAGGATACAGTCTAGAAGGCACAGTAACCCC  
 TCCAGTATCAGCATGGCTGCCCCCTACATTAGCAGACCGTGAACATCCTCTGACATGTGTGGTAACCTCT  
 CAAGATGGAGAGACGTTAGCACAAATGATAGAAGAAAATCTGAACTGTCTTGGCCATTTAAGTACTATTA  
 TTCGTGAAGCAAATGAGGACCAGAGCAGTAGTTTGTAGTCTTGATTGGAGTTGGTTAGCAGAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGAT AAGGTTTAA



**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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:**

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:** [NM\\_007700.2](#), [NP\\_031726.2](#)

**RefSeq Size:** 3500 bp

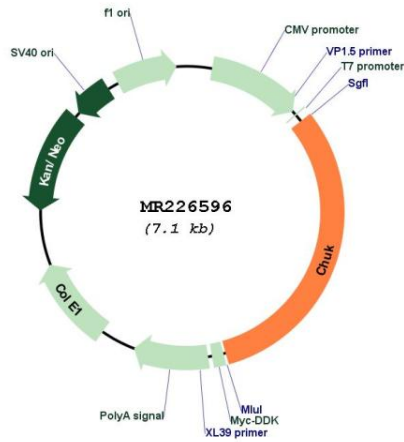
**RefSeq ORF:** 2238 bp

**Locus ID:** 12675

**Cytogenetics:** 19 36.71 cM

**MW:** 84.8 kDa

Product images:



Circular map for MR226596