

Product datasheet for **MC221280**

Chuk (NM_007700) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chuk (NM_007700) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Chuk
Synonyms:	AI256658; Chuk1; Fbx24; Fbxo24; IKBKA; IKK1; Ikka; NFKB1KA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221280 representing NM_007700
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGCGGCCCCCGGGGCTGCGGCCGGCGGGCGGCCCTGGGAGATGCGGGAACGGCTTGGCACCG
 GCGGTTTCGGGAACGTCACTCTGTACCAGCACCGGAACTTGATCTCAAATAGCAATTAAGTCTTGTCG
 TTTAGAGCTAAGTTCCAAAAACAGAGAGCGATGGTCCATGAAATCCAGATCATGAAAAAGTTGGACCAT
 GCGAATGTTGTAAGGCCTGTGATGTCCCTGAGGAATTGAACTTTTTAATTAACGATGTGCCTCTTCTGG
 CAATGGAGTACTGTTCTGGAGGGGACCTCCGGAAGCTACTCAACAAACCAGAAAATTGTTGTGGACTTAA
 AGAAAGCCAGATACTTTCTTTACTGAGTGACATAGGATCTGGGATCCGATATCTGCATGAAAAAAAATT
 ATACATCGAGATCTAAACCTGAAAATATAGTTCTTCAAGATGTTGGTGGGAAGACAATACATAAAATAA
 TTGATTTGGGTTATGCCAAGATGTTGATCAAGGAAGTCTCTGTACATCTTTGTGGGAACATTGCAGTA
 TTTGGCCCGAGACTCTTTGAAAATAAGCCGTACACAGCCACTGTGGATTATTGGAGCTTTGGGACCATG
 GTGTTTGAATGTATTGCTGGATATAGGCCTTTTTGCATCATCTGCAGCCATTTACTGGCATGAGAAGA
 TTAAGAAGAAAGATCCAAGTGTATATTTGCATGTGAAGAGATGACTGGAGAAGTTCGGTTTAGTAGCCA
 TTTACCTCAGCCAAACAGCCTTTGTAGTTAATAGTAGAGCCAATGGAAGCTGGCTCCAATTGATGCTG
 AATTGGGACCCACAGCAGAGAGGGGGACCTATTGATCTTACTTTGAAGCAGCCAAGATGTTTTGCATTAA
 TGGATCACATTCTCAATTTAAAGATAGTGCACATCCTAAATATGACTTCTGCAAAAATCATTCTTTTCT
 GTTACCATGTGATGAAAGTCTTCATTCACTACAGTCTCGAATTGAGCGTGAACAGGAATAAATACAGGT
 TCTCAGGAGCTTCTGTGAGAGCAGGGATTTCTCTGGATCCTCGGAAACCAGCCTCTCAGTGTGTCTAG
 ATGGAGTTAGAGGCTGTGATAGCTACATGGTTTATTTGTTTGTAAAAGTAAGACTGTATATGAAGGACC
 ATTTGCATCCAGAAGTTTATCTGATTGTGTTAAATTATATTGTACAAGACAGCAAAAATACAAGTCCCAATT
 ATACAGCTGCGGAAAGTATGGGCTGAAGCAGTGCACACTACGTATCTGGGCTAAAGGAAGACTACAGCAGGC
 TCTTCCAGGGACAAGAGCAGCAATGTTAAGTCTTCTTAGATATAATGCTAACTTGACAAAAATGAAGAA
 TACTTTGATCTCAGCATCACAGCAACTCAAAGCTAAATTTGGAGTTTTTTTCGAAAAAGCATTACAGTTGAC
 TTGGAGAGATATAGTGAGCAGATGACTTATGGGATATCTTCAGAAAAATGTTAAAAGCATGGAAAGAAA
 TGGAAGAAAAGGCCATTCATCTTCTGAGGTTGGTGTCTTGGTTATCTTGAGGATCAAATTTATGTCTTT
 GCACACTGAAATCATGGAGCTGCAGAAGAGCCCTATGGACGACGCCAGGGAGACTTGATGGAGTCTCTG
 GAGCAGCGTGCCATTGATCTCTATAAGCAGCTAAAGCACAGACCTCCTGATCACTTGTACAGCGACAGCA
 CAGAGATGGTGAAGATCATCGTGACACCGTGCAGAGTCAGGACCGTGTCTCAAGGAGCTGTTTGGTCA
 CCTGAGCAAGTTGTTGGGCTGCAAGCAGAAGATTATTGATCTACTCCCCAAGGTGGAAGTGGCCCTCAGT
 AACATCAAAGAAGCTGACAATACTGTCTATGTTTATGCAGGGAAAGAGGCAGAAAGAAATTTGGCACCTCC
 TTAATAATTGCCTGTACACAGAGTTCTGCCCGCTCTCTTGTAGGATACAGTCTAGAAGGCACAGTAACCCC
 TCCAGTATCAGCATGGCTGCCCCCTACATTAGCAGACCGTGAACATCCTCTGACATGTGTGGTAACCTCT
 CAAGATGGAGAGACGTTAGCACAAATGATAGAAGAAAATCTGAACTGTCTGGCCATTTAAGTACTATTA
 TTCGTGAAGCAAATGAGGACCAGAGCAGTAGTTGATGAGTCTTGATTGGAGTTGGTAGCAGAA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_007700
Insert Size: 2238 bp

OTI Disclaimer:	<p>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 or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
Components:	<p>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).</p>
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:	<p>NM_007700.2, NP_031726.2</p>
RefSeq Size:	<p>3500 bp</p>
RefSeq ORF:	<p>2238 bp</p>
Locus ID:	<p>12675</p>
Cytogenetics:	<p>19 36.71 cM</p>