

Product datasheet for **MC220983**

Chuk (NM_001162410) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chuk (NM_001162410) Mouse Untagged Clone
Tag:	Tag Free
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)



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Fully Sequenced ORF: >MC220983 representing NM_001162410
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGCGGCCCCCGGGGCTGCGGCCGGCGGGCGGCCCTGGGAGATGCGGGAACGGCTTGGCACCG
 GCGGTTTCGGGAACGTCACTGTACCAGCACCGGAACTTGATCTCAAATAGCAATTAAGTCTTGTCG
 TTTAGAGCTAAGTTCCAAAAACAGAGAGCGATGGTCCATGAAATCCAGATCATGAAAAAGTTGGACCAT
 GCGAATGTTGTAAGGCCTGTGATGTCCCTGAGGAATTGAACTTTTTAATTAACGATGTGCCTCTTCTGG
 CAATGGAGTACTGTTCTGGAGGGGACCTCCGGAAGCTACTCAACAAACCAGAAAAATTGTTGTGGACTTAA
 AGAAAGCCAGATACTTTCTTTACTGAGTGACATAGGATCTGGGATCCGATATCTGCATGAAAAAAAATT
 ATACATCGAGATCTAAAACCTGAAAATATAGTTCTTCAAGATGTTGGTGGGAAGACAATACATAAAATAA
 TTGATTTGGGTTATGCCAAGATGTTGATCAAGGAAGTCTCTGTACATCTTTGTGGGAACATTGCAGTA
 TTTGGCCCGAGACTCTTTGAAAATAAGCCGTACACAGCCACTGTGGATTATTGGAGCTTTGGGACCATG
 GTGTTTGAATGTATTGCTGGATATAGGCCTTTTTGCATCATCTGCAGCCATTTACTGGCATGAGAAGA
 TTAAGAAGAAAGATCCAAGTGTATATTTGCATGTGAAGAGATGACTGGAGAAGTTCGGTTTAGTAGCCA
 TTTACCTCAGCCAAACAGCCTTTGTAGTTAATAGTAGAGCCAATGGAAAGCTGGCTCCAATTGATGCTG
 AATTGGGACCCACAGCAGAGAGGGGGACCTATTGATCTTACTTTGAAGCAGCCAAGATGTTTTGCATTAA
 TGGATCACATTCTCAATTTAAAGATAGTGCACATCCTAAATATGACTTCTGCAAAAATCATTCTTTTCT
 GTTACCATGTGATGAAAGTCTTCATTCACTACAGTCTCGAATTGAGCGTGAACAGGAATAAATACAGGT
 TCTCAGGAGCTTCTGTGAGAGCAGGGATTTCTCTGGATCCTCGGAAACCAGCCTCTCAGTGTGTCTAG
 ATGGAGTTAGAGGCTGTGATAGCTACATGGTTTATTTGTTGATAAAAGTAAGACTGTATATGAAGGACC
 ATTTGCATCCAGAAGTTTATCTGATTGTGTAATTTATATTGTACAAGACAGCAAAAATACAACCTGCCAATT
 ATACAGCTGCGGAAAGTATGGGCTGAAGCAGTGCACACTACGTATCTGGGCTAAAGGAAGACTACAGCAGGC
 TCTTCCAGGGACAAGAGCAGCAATGTTAAGTCTTCTTAGATATAATGCTAACTTGACAAAAATGAAGAA
 TACTTTGATCTCAGCATCACAGCAACTCAAAGCTAAATGGAGTTTTTTTCGAAAAAGCATTACAGTTGAC
 TTGGAGAGATATAGTGAGCAGATGACTTATGGGATATCTTCAGAAAAATGTTAAAAGCATGGAAAGAAA
 TGGAAAGAAAAGGCCATTCATCTTCTGAGGTTGGTGTCTTGGTTATCTTGAGGATCAAATATGTCTTT
 GCACACTGAAATCATGGAGCTGCAGAAGAGCCCTATGGACGACGCCAGGGAGACTTGATGGAGTCTCTG
 GAGCAGCGTGCCATTGATCTCTATAAGCAGCTAAAGCACAGACCTCCTGATCACTGTACAGCGACAGCA
 CAGAGATGGTGAAGATCATCGTGACACCGTGCAGAGTCAAGACCGTGTCTCAAGGAGCTGTTGGTCA
 CCTGAGCAAGTTGTTGGGCTGCAAGCAGAAGATTATTGATCTACTCCCAAGGTGGAAGTGGCCCTCAGT
 AACATCAAAGAAGCTGACAATACTGTATGTTTATGCAGGGAAAGAGGCAGAAAGAAATTTGGCACCTCC
 TTAATAATTGCCTGTACACAGAGTTCTGCCCGCTCTCTGTAGGATACAGTCTAGAAGGCACAGTAACCCC
 TCCAGTATCAGCATGGCTGCCCCCTACATTAGCAGACCGTGAACATCCTCTGACATGTGTGAGAGACGTT
 AGCACAATGATAGAAGAAAATCTGAAGTGTCTTGGCCATTTAAGTACTATTATTCG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001162410
Insert Size: 2160 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_001162410.1, NP_001155882.1</u>
RefSeq Size:	3483 bp
RefSeq ORF:	2160 bp
Locus ID:	12675
Cytogenetics:	19 36.71 cM