

Product datasheet for **RN203015**

Chuk (NM_001107588) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chuk (NM_001107588) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Chuk
Synonyms:	lkbka; Ikka
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203015 representing NM_001107588
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCGGCCCCCGGGGCTGCGGCTGCGGCCGGCGGCCCTGGGAGATGCGGGAGAGGCTTGGCACCG
 GCGGCTTCGGGAACGTCACTCTGTACCAGCACCGGAACTTGATCTCAAATAGCAATTAAGTCTTGTCG
 CTTAGAGCTAAGTACAAAAACAGAGAACGATGGTGCCATGAAATCCAGATCATGAAAAAGTTGAACCAT
 GCAATGTTGTAAGGCCTGTGATGTTCTGAGGAATTGAATTTTTTAATTAACGATGTGCCTCTTCTAG
 CAATGGAGTACTGTTCTGGAGGGGACCTCCGGAAGCTACTCAACAAACCAGAAAATTGTTGTGGACTTAA
 AGAGAGCCAGATCCTTTCTTTACTGAGTGACATAGGATCTGGGATTGTTATTTGCATGAAAAACAAAT
 ATACATCGAGATCTAAACCTGAAAATATAGTGCTTCAAGATGTTGGTGGGAAGATAATGCATAAAATAA
 TTGATTTGGGTTATGCCAAGATGTCGATCAAGGAAGTCTCTGTACATCTTTGTGGGAACATTACAGTA
 TTTGGCCCGAGCTCTTTGAAAATAAGCCATACACAGCCACTGTGGATTATTGGAGCTTTGGGACCATG
 GTGTTTGAATGTATTGCTGGATATAGGCCTTTTTGCATCATCTGCAGCCATTTACTGGCATGAAAAGA
 TTAAGAAGAAAGATCAAAGTGTATTTGCTTGTGAAGAGATGACCGGAGAAGTTCGGTTTAGTAGCCA
 TTTACCTCAGCCAAACAACCTTTGTAGTTAATAGTAGAGCCAATGGAAGCTGGCTACAGTTGATGCTG
 AATTGGGACCCACAGCAGAGAGGGGGACCTATTGACCCTCTTTGAAGCAGCCAAAATGCTTTGTGTTAA
 TGGATAACATCCTCAACTGAAGATAGTGCACATCCTAAATATGACTTCTGCAAAAATCATTCTTTTCT
 GTTACCATATGATGAAAGTCTCCATTCACTACAGTCTCGAATTGAGCGTGAACAGGAATAAATACAGGT
 TCTCAAGAACTTCTGTGAGAGCAGGAATTTCTCTGGATCCTCGGAAACCAGCCTCTCAATGTGTTCTAG
 ATGGAGTGAGAGGCTGTGATAGTACATGGTTTATTTGTTGATAAAAGTAAGACTGTATATGAAGGACC
 ATTTGCATCCAGAAGTTTATCTGATTGTGTAATTTATATTGTGCAAGACAGCAAGATACAGCTTCCAGTT
 ACACAGCTTCGCAAAGTGTGGGCTGAAGCAGTGCACATGTATCTGGGCTAAAGGAGGACTACAGCAGGC
 TCTTTCAGGGACAAGAGCAGCAATGTTAAGTCTTCTTAGATATAATGCTAACTTGACAAAAATGAAGAA
 TACTTTGATCTCAGCATCACAGCAACTCAAAGCTAAATTTGGAGTTTTTTCGCAAAAGCATTACAGTTGAC
 TTGGAGAGATATAGTGAGCAGATGACTTATGGGATATCTTCAGAAAAATGCTGAAAGCATGGAAGAAA
 TGGAAGAAAAGGCCATTCATCTTCTGAGGTTGGTGTCTTGGATACCTTGAGGATCAAATTTATGCTTT
 GCACACTGAAATCATGGAGCTGCAGAAGAGCCCTATGGGAGACGCCAGGGAGACCTGATGGAATCCCTG
 GAACAGCGTGCCATTGATCTCTATAAGCAGCTAAAACACAGACCCACCGATCACTCTACAGTGACAGCA
 CGGAGATGGTGAAGATCATTGTGCACACTGTGCAGAGTCAGGACCGAGTTCTCAAGGAGCTGTTGGTCA
 CCTGAGCAAGTTGTTGGGCTGCAAGCAGAAGATTATTGATCTACTCCCAAGGTGGAAGTGGCCCTCAGT
 AACATCAAAGAAGCTGACAATACTGTCTGTTTATGCAGGGAAAGAGGCAGAAAGAAATTTGGCACCTCC
 TTAATAATTGCTTGTACACAGAGTTCTGCTCGCTCTTGTAGGATCCAGTCTAGAAGGCACAGTAACCCC
 TCCAGTATCAGCATGGCTGCCCCCTACTCTAGCAGACCGTGAACATCCTCTGACATGTGTGGTAACCTCT
 CAAGATGGCGAGACGTTAGCACAAATGATAGAAGAAAATCTGAACTGTCTTGGCCATTTAAGTACTATTA
 TTCGTGAAGCAAATGAGGACCAGAGCAGTAGTATGATGAGTCTTGATTGGAGTTGGTAGCAGAA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001107588
Insert Size: 2238 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_001107588.1, NP_001101058.1</u>
RefSeq Size:	3526 bp
RefSeq ORF:	2238 bp
Locus ID:	309361
Cytogenetics:	1q54