

Product datasheet for MC218151

Chka (BC060218) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Chka (BC060218) Mouse Untagged Clone
Tag: Tag Free
Symbol: Chka
Synonyms: Chetk-alpha, ChoK, EtnK-alpha
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >BC060218
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAAACCAAGTTCTGCACCGGGGGCGAGGCCGAGCCGTGCCTCTCGGGCTGCTGCTGAGCTGCGGTG
 GCAACGCTGCCCGACGCCCGCGTAGGGCAGCAGCGGGACGCCGAGCGGAGCTGGAGTCCAAGCAGT
 TGGTGGCCGAACCAACCTCTCGCGCTGCCGCCCGCCGCCGCCCTGCCGCTGCCCGCCGCCCA
 TCACCGCCGCTAGCGGACGAACAACCCGAGCCCGGACCAGGCGCAGGGCCTACCTGTGGTGAAGGAAT
 TCCTGCCCGGAGCCTGGCGAGGCCTTCGCGAGGACCAGTTCACATCAGTGTATCAGGGGTGGTCTCAG
 TAACATGCTGTTCCAGTGTCCCTGCCAGACTCCATAGCCAGCGTTGGCGATGAGCCTCGGAAAGTGCTC
 TTGCGGCTCTATGGGGCAATCTTAAGATGGGGGCTGAGGCGATGGTTCTGGAGAGTGTTATGTTTGCCA
 TTCTTGACAGAGGTCACCTGGGCCAAACTCTTTGGCATCTTTCCCAAGGCCGACTGGAGCAGTTTAT
 CCCGAGCCGGCGATTGGACACTGAAGAGTTACGTTTACCAGATATTTCTGCAGAAATAGCTGAGAAAAATG
 GCCACATTTATGGTATGAAAAATGCCATTCAATAAGGAACCAAAATGGCTTTTGGAAACAATGAAAAAT
 ACCTGAATCAAGTACTAAGACTCAAATTCAGCAGGGAGGCCAGAGTTCAGCAACTGCACAAGATCCTCTC
 TTACAACCTGCCTCTTGAGCTCGAGAACCTGAGGTCATTGCTGCAGTATACTAGATCTCCAGTTGTATTT
 TGTCAATGACTGTCAAGAAGTAATATCTTATTGTTGGAAGGCCAGGAGAAGTCTGAAAGGCCGAAGC
 TGATGCTTATTGACTTTGAGTACAGCAGTTACAATTACAGGGGATTTGACATTGGAATCATTTCTGTGA
 ATGGATGTATGATTATACCTATGAGAAGTATCCTTTCTCAGAGCGAACATTCAGAAGTATCCTTCCCGA
 AAACAACAGGTAGGAGAAGCATTGTATTATAAGTTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: BC060218



Insert Size:	4050 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>BC060218</u>
RefSeq Size:	4685 bp
RefSeq ORF:	1088 bp
Locus ID:	12660
Cytogenetics:	19 3.57 cM
Gene Summary:	Has a key role in phospholipid biosynthesis and may contribute to tumor cell growth. Catalyzes the first step in phosphatidylcholine biosynthesis. Contributes to phosphatidylethanolamine biosynthesis. Phosphorylates choline and ethanolamine. Has higher activity with choline (By similarity).[UniProtKB/Swiss-Prot Function]