

Product datasheet for **MC208283**

Chka (NM_001025566) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Chka (NM_001025566) Mouse Untagged Clone
Tag: Tag Free
Symbol: Chka
Synonyms: Chetk-alpha; Chk; ChoK; EtnK-alpha
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208283 representing NM_001025566
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAAACCAAGTTCTGCACCGGGGGCGAGGCCGAGCCGTCGCCTCTCGGGCTGCTGCTGAGCTGCGGTG
GCAACGCTGCCCCGACGCCCGCGTAGGGCAGCAGCGGGACGCCGAGCGGAGCTGGAGTCCAAGCAGT
TGGTGGCCGAACCAACCTCTCGCGCTGCCGCCGCCGCCGCCGCCCTGCCGCTGCCCCGCCGCCA
TCACCGCCGCTAGCGGACGAACAACCCGAGCCCCGGACCAGGCGCAGGGCCTACCTGTGGTGTAAAGGAAT
TCTGCCCGGAGCCTGGCGAGGCCTTCGCGAGGACCAGTTCACATCAGTGTATCAGGGGTGGTCTCAG
TAACATGCTGTTCCAGTCTCCCTGCCAGACTCCATAGCCAGCGTTGGCGATGAGCCTCGGAAAGTGCTC
TTGCGGCTCTATGGGGCAATCTTAAAGATGGTGAGTCCAGGGTTCACCTGGGAGGGGTGGTCCACT**G**A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001025566
Insert Size: 489 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).



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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_001025566.1</u> , <u>NP_001020737.1</u>
RefSeq Size:	3644 bp
RefSeq ORF:	489 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]