

CDC123 cDNA

Catalog Number: ATGD0350

PRODUCT INFORMATION

Catalog number

ATGD0350

Product type

cDNA

Species

Human

NCBI Accession No.

NP_006014.2

Alternative Names

C10orf7, D123

mRNA Refseq

NM_006023.2

OMIM**Chromosome location**

10p13

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

1011bp

Preparation before usage

1. Centrifuge at 7000rpm for 1 minute.
 2. Carefully open the vial and add 100ul of sterile water to dissolve the DNA.
- Each tube contains approximately 10ug of lyophilized plasmid.

Vector description

This shuttle vector contains the complete ORF. It is inseted BamH I to Xho I. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.

Cloning Vector

pATGen (puc19-derived cloning vector)

General Description

CDC123 is a member of the CDC123 family. CDC123 is required for S phase entry of the cell cycle. It is also

broadly expressed in spleen, thymus, prostate, testis, ovary, small intestine, colon and leukocytes with the uppermost expression in testis.

DATA

Sequence nucleotides

ATGAAGAAGGAGCATGTGCTTCACTGCCAGTTCTCCGCGTGGTACCCGTTCTTCCGAGGCGTTACCATCAAGAGTGTCATTC
TTCCACTTCCTCAGAATGTGAAGGATTATTTACTCGATGATGGAACCTCTGGTGGTTTCAGGAAGGGATGATCCACCAACACA
TTCTCAGCCAGACAGTGATGATGAAGCAGAAGAAATACAGTGGTCTGATGATGAGAACACAGCCACGCTTACGGCACCAGA
ATTTCTGAGTTTGCCACTAAAGTCCAGGAAGCTATCAATTCCTCGGGGGCAGTGTCCTTCTAAGCTTAATTGGAGTGCC
CCAAGGGATGCGTATTGGATAGCAATGAATAGTTCTCTGAAATGTAAACCCCTCAGCGACATCTTTCTGCTTTTCAAGAGTTC
CGATTTTCATCACTCGTGACTTCACTCAGCCGTTTATTCATTGTACTGATGATTCTCCAGATCCATGTATAGAATATGAGCTCGT
TCTCCGAAAATGGTGTGAATTGATTCTGGGGCTGAGTTTCGATGTTTTGTCAAGGAAAACAAGCTTATTGGTATTTCTCAA
GAGACTACACACAATACTATGATCATATTTCTAAACAAAAGGAAGAAATTCGCAGATGCATACAAGACTTTTTCAAGAAACAC
ATACAGTACAAATTCTTAGATGAAGACTTTGTGTTTCGATATATACAGAGACAGTAGGGGGAAGGTGTGGCTCATTGACTTTA
ATCCATTTGGTGAAGTCACAGATTCACTGCTGTTACCTGGGAAGAACTGATATCTGAGAACAACCTAAACGGCGATTTTAG
TGAAGTTGACGCTCAAGAGCAGGATTCCCCAGCTTTCCGTTGCACAAACAGTGAAGTGACAGTCCAGCCCAGCCCCTATTTG
AGTTACCGGCTACCCAAGGACTTTGTAGACCTCTCTACTGGGGAGGACGCTCACAAGCTAATAGACTTCCTTAAGCTGAAGA
GAAATCAGCAGGAGGACGACTGA

Transaction Sequence

MKKEHVLHCQ FSAWYPFRG VTIKSVILPL PQNVKDYLLD DGTLVVSGRD DPPTHSQPDS DDEAEEIQWS DDENTATLTA
PEFPEFATKV QEAINSLGGS VFPKLNWSAP RDAYWIAMNS SLKCKTSLDI FLLFKSSDFI TRDFTQPIH CTDDSPDPCI
EYELVLRKWC ELIPGAEFRV FVKENKLIGI SQRDYQYYD HISKQKEIR RCIQDFFKKH IQYKFLDEDF VFDIYRDSRG
KVWLIDFNPV GEVTDSELLT WEELISENNL NGDFSEVDAQ EQDSPAFRCT NSEVTVQPSP YLSYRLPKDF VDLSTGEDAH
KLIDFLKLKR NQQEDD