

CHRAC1 cDNA

Catalog Number: ATGD0349

PRODUCT INFORMATION

Catalog number

ATGD0349

Product type

cDNA

Species

Human

NCBI Accession No.

NP_059140.1

Alternative Names

CHARC1, CHARC15, CHRAC-1, CHRAC-15, CHRAC15, YCL1

mRNA Refseq

NM_017444.5

OMIM

607268

Chromosome location

8q24.3

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

396bp

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

CHRAC1 cDNA

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CHRAC1 is a histone-fold protein that interacts with other histone-fold proteins to bind DNA in a sequence-independent manner. It forms a complex with DNA polymerase epsilon subunit POLE3 and binds naked DNA, which is then incorporated into chromatin, aided by the nucleosome remodeling activity of ISWI/SNF2H and ACF1.

DATA

Sequence nucleotides

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ATGGCGGACGTGGTCGTGGGTAAAGACAAGGGCGGGGAGCAGCGGCTCATCTCGCTGCCTCTATCCCGCATCCGGGTCAT
CATGAAGAGCTCCCCCGAGGTGTCCAGCATCAACCAGGAGGCGTTGGTGCTCACGGCCAAGGCCACGGAGCTCTTTGTTCA
ATGCCTAGCCACCTATTCCTACAGACACGGCAGTGGAAAGGAAAAGAAAGTACTGACTTACAGTGATTTAGCAAACACTGCA
CAGCAATCAGAACTTTTCAGTTTCTTGCAATATATTACCAAAGAAGATTTTAGCTAGTAAATACCTGAAAATGCTTAAAGA
GGAAAAGAGGGAAGAAGATGAGGAGAATGACAATGATAATGAAAGTGACCATGATGAAGCTGACTCCTAA
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Transaction Sequence

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MADVVGKDK GGEQRLISLP LSRIRVIMKS SPEVSSINQE ALVLTAKATE LFVQCLATYS YRHGSGKEKK VLTYSDLANT
AQQSETFQFL ADILPKKILA SKYLMKLEE KREDEENDN DNESDHDEAD S
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