

VPS72 cDNA

Catalog Number: ATGD0319

PRODUCT INFORMATION

Catalog number

ATGD0319

Product type

cDNA

Species

Human

NCBI Accession No.

NP_005988.1

Alternative Names

CFL1, Swc2, TCFL1, YL-1, YL1

mRNA Refseq

NM_005997.2

OMIM

600607

Chromosome location

1q21

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

1095bp

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 Hind III. 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

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VPS72 is a shared subunit of two multi-component complexes, the histone acetyltransferase complex TRRAP/TIP60 as well as the chromatin remodeling SRCAP-containing complex. VPS72 may be responsible for binding H2AFZ, which has a role in chromosome segregation. VPS72 may also have a role in regulating long-term hematopoietic stem cell activity. Alternative splicing results in multiple transcript variants that encode different protein isoforms.

DATA

Sequence nucleotides

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ATGAGTTTGGCTGGGGGCCGGGCACCCCGGAAGACCGCTGGGAACCGGCTTTCTGGGCTTTTGGAGGCAGAGGAGGAAG
ATGAGTTCTACCAGACGACTTATGGGGGTTTCACAGAGGAATCCGGAGATGATGAGTATCAAGGGGACCAGTCAGACACAG
AGGACGAAGTGGACTCTGACTTTGACATTGATGAAGGGGATGAACCATCCAGTGATGGAGAAGCAGAAGAGCCAAGAAGG
AAGCGCCGAGTAGTCACCAAGGCCTATAAGGAACCTCTCAAGAGCTTAAGGCCTCGAAAGGTCAACACCCCGGCTGGTAGC
TCTCAGAAGGCGCGAGAAGAGAAGGCACTACTGCCATTAGAACTACAAGATGACGGCTCTGACAGTCGGAAGTCTATGCGT
CAGTCTACAGCTGAGCATAACGACAAACGTTCTTCGGGTACAGGAGAGGCAGGGCCAGTCAAGACGGCGAAAGGGGCC
CCACTGTGAGCGGCCACTAACCCAGGAGGAAGTCTCCGGGAGGCCAAGATCACAGAAGAGCTTAATTTACGGTCACTGG
AGACATATGAGCGGCTCGAGGCTGATAAAAAGAAGCAGGTTTATAAGAAGCGGAAGTGCCCCGGGGCCATAATCACCTATC
ATTCAGTGACAGTGCCACTTGTGGGGAGCCAGGCCCAAGGAAGAGAACGTTGACATAGAAGGACTTGATCCTGCTCCCT
CGGTGTCTGCATTGACTCCTCATGCTGGGACTGGACCCGTCAACCCCCCTGCTCGCTGCTCACGTACCTTCATCACTTTTAG
TGATGATGCAACTTTCGAGGAATGGTTCCCCCAAGGGCGGCCCCCAAAAGTCCCTGTTCTGTGAGGTCTGTCCAGTGACCCA
TCGTCCAGCCCTATACCGGGACCCTGTTACAGACATACCCTATGCCACTGCTCGAGCCTTCAAGATCATTCGTGAGGCTTAC
AAGAAGTACATTACTGCCCATGGACTGCCGCCACTGCCTCAGCCCTGGGCCCCGGCCCCGCCACCTCCTGAGCCCCTCCCT
GGCTCTGGGCCCCGAGCCTTGCGCCAGAAAATTGTCATTAAATGA
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Transaction Sequence

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MSLAGGRAPR KTAGNRLSGL LEAEEDEFY QTTYGGFTEE SGDDEYQGDQ SDTEDEVDSDFDIDEGDEPS SDGEAEEPRR
KRRVVTKAYK EPLKSLRPRK VNTPAGSSQK AREEKALLPLELQDDGSDSR KSMRQSTAEH TRQTFLRVQE RQGQSRRRKG
PHCERPLTQE ELLREAKITEELNLRSLTY ERLEADKKKQ VHKKRKCPGP IITYHSVTVP LVGEPGPKEE
NVDIEGLDPAPSVSALTPHA GTGPVNPPAR CSRTFITFSD DATFEWFPPQ GRPPKVPVRE VCPVTHRPALYRDPVTDIPY
ATARAFKIIR EAYKKYITAH GLPPTASALG PGPPPPPEPLP GSGPRALRQKIVIK
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