

ITGB3BP cDNA

Catalog Number: ATGD0395

PRODUCT INFORMATION

Catalog number

ATGD0395

Product type

cDNA

Species

Human

NCBI Accession No.

NP_001193668.1

Alternative Names

CENP-R, CENPR, HSU37139, NRIF3, TAP20

mRNA Refseq

NM_001206739.1

OMIM

605494

Chromosome location

1p31.3

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

651bp

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

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Centromere protein R isoform 1, also known as ITGB3BP1, is a widely expressed protein that contains a DD1 or RepD1 domain and an LXXLL motif. It acts as a transcriptional corepressor via its interaction with the NFKB1 NF-kappa-B subunit, possibly by interfering with the transactivation domain of NFKB1.

DATA

Sequence nucleotides

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ATGCCTTTTGCTCCCGTTGCCAGGCTAGAGTGCAATGGCACGATTTCCGTTCACTGCAACATCTGCTTCCCGCGTTCAAGC
GATTCTCCTGCCTCAGCCTTGGGAGTAGTTGGGATTACAGTGTTAAAAGATCACTGAAGTTGGATGGTCTGTTAGAAGAAAA
TTCATTTGATCCTTCAAAAATCACAAGGAAGAAAAAGTGTATAACTTATTCTCCAACAACCTGGAACCTGTCAAATGAGTCTATT
TGCTTCTCCCAACAAGTTCTGAAGAGCAAAAGCACAGAAATGGACTATCAAATGAAAAGAGAAAAAAATTGAATCACCCCAGT
TTAACTGAAAGCAAAGAATCTACAACAAAAGACAATGATGAATTCATGATGTTGCTATCAAAAGTTGAGAAATTGTCAGAAGA
AATCATGGAGATAATGCAAAATTTAAGTAGTATACAGGCTTTGGAGGGCAGTAGAGAGCTTGAAAATCTCATTGGAATCTCC
TGTGCATCACATTTCTTAAAAAGAGAAATGCAGAAAACCAAAGAATAATGACAAAAGTGAATAAACAAAAAACTGTTTGAAAA
GAGTACAGGACTTCCTCACAAAGCATCACGTCATCTTGACAGCTATGAATTCCTTAAAGCCATTTTAACTGA
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Transaction Sequence

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MPFAPVAQAR VQWHDFRSLQ HLLPAFKRFS CLSLGSSWDY SVKRSLKLDG LLENSFDPS KITRKKSVIT YSPTTGTCQM
SLFASPTSSE EQKHRNGLSN EKRKKLNHPS LTESKESTTK DNDEFMMLLS KVEKLSEEIM EIMQNLSSIQ ALEGSRELEN
LIGISCASHF LKREMQKTK LMTKVNKQKL FEKSTGLPHK ASRHLDSEYEF LKAILN
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