

AAGAB cDNA

Catalog Number: ATGD0466

PRODUCT INFORMATION

Catalog number

ATGD0466

Product type

cDNA

Species

Human

NCBI Accession No.

NP_078942.3

Alternative Names

KPPP1, p34, PPKP1, PPKP1A

mRNA Refseq

NM_024666.3

OMIM

614888

Chromosome location

15q23

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

948bp

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 Nde 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

AAGAB cDNA

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AAGAB interacts with the gamma-adaptin and alpha-adaptin subunits of complexes involved in clathrin-coated vesicle trafficking. Mutations in this gene are associated with type I punctate palmoplantar keratoderma. Alternatively spliced transcript variants have been found for this gene.

DATA**Sequence nucleotides**

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ATGGCTGCTGGCGTACCTGTGCGTTAGTCACCAGCTGCTCCTCCGTCTTCTCAGGAGACCAGCTGGTCCAACATATCCTTG
GAACAGAAGATCTTATTGTGGAAGTGACTTCCAATGATGCTGTGAGATTTTATCCCTGGACCATTGATAATAAATACTATTCA
GCAGACATCAATCTATGTGTGGTGCCAAACAAATTTCTTGTTACTGCAGAGATTGCAGAATCTGTCCAAGCATTGTGGTTTA
CTTTGACAGCACACAAAATCGGGCCTTGATAGTGTCTCCTCATGGCTTCCACTGGCAAAGCATGGTTACCTGAGGTGATG
ATCTTGGTCTGCGATAGAGTGTCTGAAGATGGTATAAACCACAAAAAGCTCAAGAATGGTGCATCAAACATGGCTTTGAAT
TGGTAGAACTTAGTCCAGAGGAGTTGCCTGAGGAGGATGATGACTTCCCAGAATCTACAGGAGTAAAGCGAATTGTCCAAG
CCCTGAATGCCAATGTGTGGTCCAATGTAGTGATGAAGAATGATAGGAACCAAGGCTTTAGCCTTCTCAACTCATTGACTGG
AACAAACCATAGCATTGGGTCAGCAGATCCCTGTCACCCAGAGCAACCCCATTTGCCAGCAGCAGATAGTACTGAATCCCTC
TCTGATCATCGGGGTGGTGCATCTAACACAACAGATGCCAGGTTGATAGCATTGTGGATCCCATGTTAGATCTGGATATTC
AAGAATTAGCCAGTCTTACCACTGGAGGAGGAGATGTGGAGAATTTTCAAAGACTCTTTTCAAAGTTAAAGGAAATGAAAGA
CAAGGCTGCGACGCTTCCTCATGAGCAAAGAAAAGTGCATGCAGAAAAGGTGGCAAAGCATTCTGGATGGCAATCGGGG
GAGACAGAGATGAAATTGAAGGCCTTTCATCTGATGAAGAGCACTGA
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Transaction Sequence

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MAAGVPCALV TSCSSVFSGD QLVQHILGTE DLIVEVTSND AVRFYPWTID NKYYADINLCVVPNKFLVT AEIAESVQAF
VVFYDSTQKS GLDSVSSWLP LAKAWLPEVM ILVCDRVEDGINRQKAQEW CIKHGFELVE LSPEELPEED DDFPESTGVK
RIVQALNANV WSNVVMKNDRNQGFSLLSL TGTNHSIGSA DPCHPEQPHL PAADSTESLS DHRGGASNTT
DAQVDSIVDPMLDLDIQELA SLTTGGGDVE NFERLFSKLE EMKDKAATLP HEQRKVHAEK VAKAFWMAIGGDRDEIEGLS
SDEEH
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