WIBG cDNA

Catalog Number: ATGD0023

PRODUCT INFORMATION

Catalog number
ATGD0023

Product type
cDNA

Species
Human

NCBI Accession No.
NP_115721.1

Alternative Names
PYM

mRNA Refseq
NM_032345.2

OMIM

Chromosome location
12q13.2

PRODUCT SPECIFICATION

Formulation
Lyophilized

Storage
Store the plasmid at -20C.

cDNA Size
615bp

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
WIBG has been identified as an interacting partner of Mago-Y14. The Mago-Y14 heterodimer is a core component

of the EJC (exon junction complex) that is deposited on mRNAs as a consequence of splicing and influences postsplicing mRNA metabolism. This protein is a cytoplasmic RNA-binding protein that is excluded from the nucleus by Crm1. It interacts directly with Mago-Y14 by means of its N-terminal domain.

DATA

Sequence nucleotides

ATGGAAGCTG CCGGCAGCCC TGCGGCTACG GAGACAGGCA AGTATATCGC GTCAACACAG CGACCTGACG
GGACCTGGCG CAAGCAGCGG AGGGTGAAAG AAGGATATGT GCCCCAGGAG GAGGTCCCAG TATATGAAAA
CAAGTATGTG AAGTTTTTCA AGAGTAAACC AGAGTTGCCC CCAGGGCTAA GCCCTGAGGC CACTGCTCCT
GTCACCCCAT CCAGGCCTGA AGGTGGTGAA CCAGGCCTCT CCAAGACAGC CAAACGTAAC CTGAAGCGAA
AGGAGAAGAG GCGGCAGCAG CAAGAGAAAG GAGAGGCAGA GGCCTTGAGC AGGACTCTTG ATAAGGTGTC
CCTGGAAGAG ACAGCCCAAC TCCCCAGTGC TCCACAGGGC TCTCGGGCAG CCCCCACAGC TGCATCTGAC
CAGCCTGACT CAGCTGCCAC CACTGAGAAA GCCAAGAAGA TAAAGAACCT AAAGAAGAAA CTCCGGCAGG
TGGAAGAGCT GCAGCAGCGG ATCCAGGCTG GGGAAGTCAG CCAGCCCAGC AAAGAGCAGC TAGAAAAGCT
AGCAAGGAGG AGGGCGCTAG AAGAGGAGTT AGAGGACTTG GAGTTAGGCC TCTGA

Transaction Sequence

MEAAGSPAAT ETGKYIASTQ RPDGTWRKQR RVKEGYVPQE EVPVYENKYV KFFKSKPELP PGLSPEATAP VTPSRPEGGE
PGLSKTAKRN LKRKEKRRQQ QEKGEAEALS RTLDKVSLEE TAQLPSAPQG SRAAPTAASD QPDSAATTEK AKKIKNLKKK
LRQVEELQQR IQAGEVSQPS KEQLEKLARR RALEEELEDL ELGL