PIAS4 cDNA

Catalog Number: ATGD0383

PRODUCT INFORMATION

Catalog number
ATGD0383

Product type
cDNA

Species
Human

NCBI Accession No.
NP_056981.2

Alternative Names
PIAS-gamma, Piasg, PIASY, ZMIZ6

mRNA Refseq
NM_015897.3

OMIM
605989

Chromosome location
19p13.3

PRODUCT SPECIFICATION

Formulation
Lyophilized

Storage
Store the plasmid at -20C.

cDNA Size
1533bp

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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PIAS4 belongs to the PIAS family and highly expressed in testis and, at lower levels, in spleen, prostate, ovary, colon and peripheral blood leukocytes.

DATA

Sequence nucleotides

ATGGCGGCGGAGCTGGTGGAGGCCAAAAACATGGTGATGAGTTTTCGAGTCTCCGACCTTCAGATGCTCCTGGGTTTCGTG
GGCCGGAGTAAGAGTGGACTGAAGCACGAGCTCGTCACCAGGGCCCTCCAGCTGGTGCAGTTTGACTGTAGCCCTGAGCT
GTTCAAGAAGATCAAGGAGCTGTACGAGACCCGCTACGCCAAGAAGAACTCGGAGCCTGCCCCACAGCCGCACCGGCCCC
TGGACCCCCTGACCATGCACTCCACCTACGACCGGGCCGGCGCTGTGCCCAGGACTCCGCTGGCAGGCCCCAATATTGACT
ACCCCGTGCTCTACGGAAAGTACTTAAACGGACTGGGACGGTTGCCCGCCAAGACCCTCAAGCCAGAAGTCCGCCTGGTGA
AGCTGCCGTTCTTTAATATGCTGGATGAGCTGCTGAAGCCCACCGAATTAGTCCCACAGAACAACGAGAAGCTTCAGGAGA
GCCCGTGCATCTTCGCATTGACGCCAAGACAGGTGGAGTTGATCCGGAACTCCAGGGAACTGCAGCCCGGAGTTAAAGCC
GTGCAGGTCGTCCTGAGAATCTGTTACTCAGACACCAGCTGCCCTCAGGAGGACCAGTACCCGCCCAACATCGCTGTGAAG
GTCAACCACAGCTACTGCTCCGTCCCGGGCTACTACCCCTCCAATAAGCCCGGGGGTGGAGCCCAAGAGGCCGTGCCGCCC
CATCAACCTCACTCACCTCATGTACCTGTCCTCGGCCACCAACCGCATCACTGTCACCTGGGGGAACTACGGCAAGAGCTAC
TCGGTGGCCCTGTACCTGGTGCGGCAGCTGACCTCATCGGAGCTGCTGCAGAGGCTGAAGACCATTGGGGTAAAGCACCC
GGAGCTGTGCAAGGCACTGGTCAAGGAGAAGCTGCGCCTTGATCCTGACAGCGAGATCGCCACCACCGGTGTGCGGGTGT
CCCTCATCTGTCCGCTGGTGAAGATGCGGCTCTCCGTGCCCTGCCGGGCAGAGACCTGCGCCCACCTGCAGTGCTTCGAC
GCCGTCTTCTACCTGCAGATGAACGAGAAGAAGCCCACCTGGATGTGCCCCGTGTGCGACAAGCCAGCCCCCTACGACCAG
CTCATCATCGACGGGCTCCTCTCGAAGATCCTGAGCGAGTGTGAGGACGCCGACGAGATCGAGTACCTGGTGGACGGCTC
GTGGTGCCCGATCCGCGCCGAAAAGGAGCGCAGCTGCAGCCCGCAGGGCGCCATCCTCGTGCTGGGCCCCTCGGACGCC
AATGGGCTCCTGCCCGCCCCCAGCGTCAACGGGAGCGGTGCCCTGGGCAGCACGGGTGGCGGCGGCCCGGTGGGCAGCA
TGGAGAATGGGAAGCCGGGCGCCGATGTGGTGGACCTCACGCTGGACAGCTCATCGTCCTCGGAGGATGAGGAGGAGGA
GGAAGAGGAGGAGGAAGACGAGGACGAAGAGGGGCCCCGGCCCAAGCGCCGCTGCCCCTTCCAGAAGGGCCTGGTGCC
GGCCTGCTGA

Transaction Sequence

MAAELVEAKN MVMSFRVSDL QMLLGFVGRS KSGLKHELVT RALQLVQFDC SPELFKKIKELYETRYAKKN SEPAPQPHRP
LDPLTMHSTY DRAGAVPRTP LAGPNIDYPV LYGKYLNGLGRLPAKTLKPE VRLVKLPFFN MLDELLKPTE LVPQNNEKLQ
ESPCIFALTP RQVELIRNSRELQPGVKAVQ VVLRICYSDT SCPQEDQYPP NIAVKVNHSY CSVPGYYPSN
KPGVEPKRPCRPINLTHLMY LSSATNRITV TWGNYGKSYS VALYLVRQLT SSELLQRLKT IGVKHPELCKALVKEKLRLD
PDSEIATTGV RVSLICPLVK MRLSVPCRAE TCAHLQCFDA VFYLQMNEKKPTWMCPVCDK PAPYDQLIID GLLSKILSEC
EDADEIEYLV DGSWCPIRAE KERSCSPQGAILVLGPSDAN GLLPAPSVNG SGALGSTGGG GPVGSMENGK PGADVVDLTL
DSSSSSEDEEEEEEEEEDED EEGPRPKRRC PFQKGLVPAC