

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

PIAS4 cDNA

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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

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ATGGCGGCGGAGCTGGTGGAGGCCAAAAACATGGTGATGAGTTTTTCGAGTCTCCGACCTTCAGATGCTCCTGGGTTTCGTG
GGCCGGAGTAAGAGTGGACTGAAGCACGAGCTCGTCACCAGGGCCCTCCAGCTGGTGCAGTTTGAAGTGTAGCCCTGAGCT
GTTCAAGAAGATCAAGGAGCTGTACGAGACCCGCTACGCCAAGAAGAACTCGGAGCCTGCCCCACAGCCGCACCCGGCCCC
TGGACCCCTGACCATGCACTCCACCTACGACCGGGCCGGCGCTGTGCCAGGACTCCGCTGGCAGGCCCAATATTGACT
ACCCCGTGTCTACGAAAGTACTTAAACGGACTGGGACGGTTGCCCGCCAAGACCCTCAAGCCAGAAGTCCGCCTGGTGA
AGCTGCCGTTCTTTAATATGCTGGATGAGCTGCTGAAGCCCACCGAATTAGTCCACAGAACAACGAGAAGCTTCAGGAGA
GCCCCGTGCATCTTCGATTGACGCCAAGACAGGTGGAGTTGATCCGGAACCTCAGGGAAGTGCAGCCCGGAGTTAAAGCC
GTGCAGGTCGTCCTGAGAATCTGTTACTCAGACACCAGCTGCCCTCAGGAGGACCAGTACCCGCCAACATCGCTGTGAAG
GTCAACCACAGCTACTGCTCCGTCGCCGGGCTACTACCCCTCCAATAAGCCGGGGTGGAGCCCAAGAGGCCGTGCCGCC
CATCAACCTCACTCACCTCATGTACCTGTCCTCGGCCACCAACCGCATCACTGTACCTGGGGGAAGTACGGCAAGAGCTAC
TCGGTGGCCCTGTACCTGGTGCAGGAGCTGACCTCATCGGAGCTGCTGCAGAGGCTGAAGACCATTGGGGTAAAGCACCC
GGAGCTGTGCAAGGCACTGGTCAAGGAGAAGCTGCGCCTTGATCCTGACAGCGAGATCGCCACCACCGGTGTGCCGGGTGT
CCCTCATCTGTCCGCTGGTGAAGATGCGGCTCTCCGTGCCCTGCCGGGCAGAGACCTGCGCCACCTGCAGTGCTTCGAC
GCCGTCTTCTACCTGCAGATGAACGAGAAGAAGCCACCTGGATGTGCCCGTGTGCGACAAGCCAGCCCCCTACGACCAG
CTCATCATCGACGGGCTCCTCTCGAAGATCCTGAGCGAGTGTGAGGACGCCGACGAGATCGAGTACCTGGTGGACGGCTC
GTGGTGGCCGATCCGCGCCGAAAAGGAGCGCAGCTGCAGCCCGCAGGGCGCCATCCTCGTGCTGGGCCCTCGGACGCC
AATGGGCTCCTGCCCGCCCCAGCGTCAACGGGAGCGGTGCCCTGGGCAGCACGGGTGGCGGCCGCCCGGTGGGCAGCA
TGGAGAATGGGAAGCCGGGCGCCGATGTGGTGGACCTCACGCTGGACAGCTCATCGTCCTCGGAGGATGAGGAGGAGGA
GGAAGAGGAGGAGGAAGACGAGGACGAAGAGGGGCCCGCCCAAGCGCCGCTGCCCTTCCAGAAGGGCCTGGTGCC
GGCCTGCTGA
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Transaction Sequence

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MAAEVLEAKN MVMSFRVSDL QMLLGFVGRS KSLKHELV T RALQLVQFDC SPELFKIKELYETRYAKN SEPAPQPHRP
LDPLTMHSTY DRAGAVPRTP LAGPNIDYPV LYKYLNLGLRPLAKTLKPE VRLVKLPFFN MLDLLKPTL LVPQNNKELQ
ESPCIFALTP RQVELIRNSRELQPGVKAVQ VVLRICYSDT SCPQEDQYPP NIAVKVNHSY CSVPGYPSN
KPGVEPKRPCRPI NLTHLMY LSSATNRITV TWGNYKSYS VALYLVRQLT SELLQRLKT IGVKHPELCKALVKEKLRD
PDSEIATTGV RVS LICPLVK MRLSVPCRAE TCAHLQCFDA VFYLMNEKKPTW MCPVCDK POPYDQLIID GLLSKILSEC
EDA DEI EYLV DGSWCPIRAE KERS CSPQ GAILVLGPS DAN GLLPAPSVNG SGALGSTGGG GPV GSMEN GK PGADVVDLTL
DSSSSSEDEEEEEEEEEDEE EEGPRPKRRC PFQKGLVPAC
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