

Product datasheet for MR225303

Ptp4a3 (NM_008975) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ptp4a3 (NM_008975) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ptp4a3
Synonyms: AV088979; pPtp4a3; Prl-3
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR225303 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCCCGATGAACCGGCCTGCGCCTGTGGAGGTGAGCTACCGGCACATGCGCTTCTCATCACCCACA
 ACCCCAGCAATGCCACCCTCAGCACGTTTCGAGGACCTGAAGAAGTACGGGGTACCCTGTGGTGCG
 CGTGTGTGAAGTGACCTATGACAAGACCCCTGGAGAAGGACGGCATCACTGTTGTGGACTGGCCCTT
 GATGATGGAGCGCCCTCCTGGCAAAGTGTAGAGGACTGGCTGAGCCTGCTGAAGGCCAAGTTCTACA
 ATGACCCGGGAAGCTGCGTAGCTGTGCACTGTGTGGCGGGCCTGGGAAGGGCCCCAGTGCTCGTGGCTCT
 CGCCCTCATCGAGAGCGGATGAAGTACGAGGACGCCATCCAGTTCATCCGACAGAAGCGCGTGGGGCC
 ATCAACAGCAAGCAGCTCACCTACCTGGAGAAGTACCGGCTAAGCAGAGACTGAGGTTCAAGACCCAC
 ACACGCACAAGACCAGATGCTGCGTCATG

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR225303 protein sequence
 Red=Cloning site Green=Tags(s)
 MARMNRPAPVEVSYRHMRFILITHNPSNATLSTFIEDLKKYGATTVVRVCEVTYDKTPLEKDGITVVDWPF
 DDGAPPPGKVVEDWLSLLKAKFYNDPGSCVAVHCVAGLGRAPVLVALALIESGMKYEDAIQFIRQKRRGA
 INSKQLTYLEKYRPKQRLRFKDPHHTKTRCCVM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

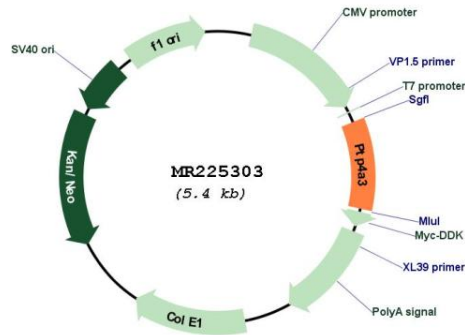
Restriction Sites: Sgfl-MluI



MW: 19.7 kDa

Gene Summary: Protein tyrosine phosphatase which stimulates progression from G1 into S phase during mitosis. Enhances cell proliferation, cell motility and invasive activity, and promotes cancer metastasis. May be involved in the progression of cardiac hypertrophy by inhibiting intracellular calcium mobilization in response to angiotensin II.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR225303