

Product datasheet for MR216554

Ppp1r3a (NM_080464) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppp1r3a (NM_080464) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ppp1r3a
Synonyms:	GM; RG1; RGL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR216554 representing NM_080464 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGAGCCCGCTGAAGAACCTGGTCAGATTAGCAAAGATAACTTTTTAGAAGTTCCTAATCTGTCTGATT
CTGTGTGTGAGGATGAAGAAGTTAAGGCGACCTTCAAGCCTGGCTTCTCCCCTCAGCCAAGCAGACGCGG
GTCAGGATCTTCGGAAGACATGTATCTGGACACTCCAACCTCAGCTTCCCGGAGAGTTTCCCTTGTCTGAC
AGCCTGGGATTCAGCCTTGTGTCTGTTAAAGAATTTGATTGCTGGAACTACCCAGTGTTCAACTGATT
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AAAAGAAAAGCTTATGGAACAACCTCAAGTCCAGAAAGCCGTGCTGGAGTCCGCTGAACACCTTCCCGGG
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TCTTCCAGAGATGATTATGCCAAAGTCGATAATAAAAAGGAGAAGCAAACATGCTTAGGTGTTAATGAAA
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR216554 representing NM_080464
 Red=Cloning site Green=Tags(s)

MEPAEEPQISKDNFLEVPNLSDSVCDEEVKATFKPGFSPQPSRRGSGSSEDMYLDTPTSASRRVSFAD
 SLGFSLSVKEFDWELPSVSTDFDLSGDVFHTDEYVLSPLFDLPSSKEKLMQLQVQKAVLESAEHLPG
 SSMKGIIRVLNIFSEKLVYVRMSLDDWQTHYDILAEYVNPNSCDGETDQFSFKISLVPPYQKEGGKVEFCI
 RYETSAGTFWSNNGTNYILVCQKKRKEPEPVKPLEEAPSRQIKGCLKVKSRKPEPLLAPEENKFETLK
 FTESYIPTIICSHEDKDDLGANHPNVDDINKKHDEHNGKELDLMINQRLITSQDEKNTFATDVTNFKA
 EGSEKKQAYHEINTDLFMGPLSPSLSAESSLKRDFYHSRSSSPGNEYGHPHSEEIISDMGEKGPLGDT
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 KWNVLETQSETSETESDIKHTKEQAEYKDMWEKTDNSRNLKATPTEHLFTCRETECYGLSSLADHGITE
 KAQAVTAYIIKTTLESTPESASARGKAIIAKLPQETAGNDRPIEVKETAFDPHEGRKDDSHYSLCHGDTA
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 TNTTLQSIPTKSEYNWHPSEVLGHAMSKPEDVFKSSEIMKSGSGGERGGPILQQKEGSLNSQGPMMFF
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9002_c09.zip

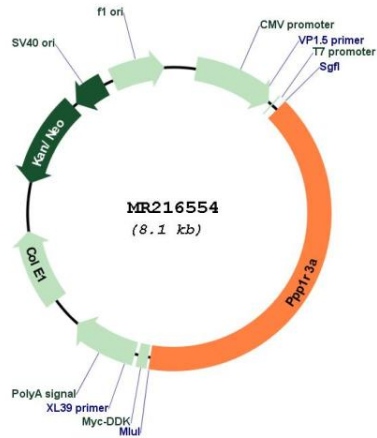
UniProt ID: [Q99MR9](#)

Cytogenetics: 6 A1

MW: 121.9 kDa

Gene Summary: Seems to act as a glycogen-targeting subunit for PP1. PP1 is essential for cell division, and participates in the regulation of glycogen metabolism, muscle contractility and protein synthesis. Plays an important role in glycogen synthesis but is not essential for insulin activation of glycogen synthase.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR216554