

Product datasheet for **RC402791**

P2RY5 (LPAR6) (NM_005767) Human Mutant ORF Clone

Product data:

Product Type:	Mutant ORF Clones
Product Name:	P2RY5 (LPAR6) (NM_005767) Human Mutant ORF Clone
Mutation Description:	D63V
Affected Codon#:	63
Affected NT#:	188
Nucleotide Mutation:	LPAR6 Mutant (D63V), Myc-DDK-tagged ORF clone of Homo sapiens lysophosphatidic acid receptor 6 (LPAR6), transcript variant 1 as transfection-ready DNA
Effect:	Woolly hir
Symbol:	LPAR6
Synonyms:	ARWH1; HYPT8; LAH3; LPA-6; P2RY5; P2Y5
E. coli Selection:	Kanamycin (25 ug/mL)
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
Tag:	Myc-DDK
ACCN:	NM_005767
ORF Size:	1032 bp
Restriction Sites:	Sgfl-Mlul



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ORF Nucleotide Sequence:

>RC402791 representing NM_005767
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGGTAAGCGTTAACAGCTCCCACTGCTTCTATAATGACTCCTTTAAGTACACTTTGTATGGGTGCATGT
 TCAGCATGGTGTGGTGGTTAATATCCAATTGTGTGCCATATACATTTTCATCTGCGTCCCTCAA
 AGTCCGAAATGAACTACAACCTTACATGATTAACCTGGCAATGTCAGTCTTGCTTTTGTCTTTACTTTA
 CCCTTCAGGATTTTACTTCACAACACGGAATTGGCCATTTGGAGATTACTTTGTAAGATTTCTGTGA
 TGCTGTTTTATACCAACATGTACGGAAGCATTCTGTTCTTAACCTGTATTAGTGTAGATCGATTTCTGGC
 AATTGTCTACCCATTTAAGTCAAAGACTCTAAGAACCAAAAGAAATGCAAAGATTGTTTGCCTGGCGTG
 TGGTAACTGTGATCGGAGGAAGTGCACCCGCGTTTTGTTTCAGTCTACCCACTCTCAGGGTAAACAATG
 CCTCAGAAGCCTGCTTTGAAAAATTTCCAGAAGCCACATGGAAAACATATCTCTCAAGGATTGTAATTTT
 CATCGAAATAGTGGGATTTTTATTCTCTAATTTTAAATGTAACCTGTTCTAGTATGGTCTAAAAACT
 TTAACCAACCTGTTACATTAAGTAGAAGCAAAATAAACAAAACCTAAGGTTTTAAAAATGATTTTGTAC
 ATTTGATCATATTCTGTTTCTGTTTGTTCCTTACAATATCAATCTTATTTTATATTCTCTGTGAGAAC
 ACAACATTTGTTAATTGCTCAGTAGTGGCAGCAGTAAGGACAATGTACCCAATCACTCTCTGTATTGCT
 GTTCCAACTGTTGTTTGTACCCTATAGTTTACTACTTACATCGGACACAATTCAGAATTCAATAAAAA
 TGAAAACTGGTCTGTGAGGAGAAGTACTTCAGATTCTCTGAAGTTCATGGTGCAGAGAATTTTATTCA
 GCATAACCTACAGACCTAAAAAGTAAGATATTGACAATGAATCTGCTGCC

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGA TAAGGTTTAA

Protein Sequence:

>RC402791 representing NM_005767
 Red=Cloning site Green=Tags(s)

MVSVNSSHCYFYNDSFKYTLYGCMFSMVFLGLISNCVAIYIFICVLKVRNETTTYMINLAMSULLFVFTL
 PFRIFYFTTRNWPFGDLLCKISVMLFYTNMYGSILFLTCSVDRFLAIVYPFKSKTLRTRKNAKIVCTGV
 WLTVIGGSAPAVFVQSTHSQGNNAEACFENFPEATWKTYLSRIVIFIEIVGFFIPLILNVTCSSMVLKT
 LTKPVTLSRSKINKTKVLMIFVHLIIFCFVFPYNINLILYSLVRTQTFVNCSVVAAVRTMYPITLCIA
 VSNCCFDPIVYYFTSDTIQNSIKMKNWSVRRSDFRSEVHGAENFIQHNLQTLKSKIFDNESAA

SGPTRRRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

