

Product datasheet for RC207249

LYPD6B (NM_177964) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: LYPD6B (NM_177964) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: LYPD6B
Synonyms: CT116; LYPD7
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC207249 representing NM_177964
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTTGCTGATTACTCTGAGTGCAAACCTTTTCACTGTTCCAGAGAGGAGCCTGACAACCACATTCTCT
 TCTCAAGATATAAGAGTTCGGACCGCCAGCACACAAGGTCAGCATGCTGCTCCTCTGTCACGCTCTCGC
 TATAGCTGTTGCCAGATCGTTATCTTCTCAGAAAGCTGGGCATTTGCCAAGAACATCAACTTCTATAAT
 GTGAGGCCTCCTCTCGACCCTACACCATTTCAAAATAGCTTCAAGTGCTTACTTGTGAAAACGCAGGGG
 ATAATTATAACTGCAATCGATGGCAGAAAGACAAAATGGTGTCCACAAAATACACAGTACTGTTTGACAGT
 TCATCACTTCACCAGCCACGGAAGAAGCACATCCATCACCAAAAAGTGTGCCTCCAGAAGTGAATGTCAT
 TTTGTCGGTTGCCACCACAGCCGAGATTCTGAACATACGGAGTGTAGGTCTTGCTGTGAAGGAATGATCT
 GCAATGTAGAATTACCCACCAATCACACTAATGCAGTGTTTGCCGTAATGCACGCTCAGAGAACATCTGG
 CAGCAGTGCCCCACACTTACCCTACCAGTGCTTGCTGGGTCTTTGTGCTTCCATTGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC207249 representing NM_177964
 Red=Cloning site Green=Tags(s)

MLLITLSANLFTVPERSLTTTFSFSRYKSSDRPAHKVSMMLLCHALAIYVQIVIFSESWAFKINIFYN
 VRPPLDPTFPNSFKCF TCENAGDNYNCRWAEDKWCPQNTQYCLTVHHFTSHGRSTSITKKCASRSECH
 FVGCHHSRDESEHTECRSCEGMICNVELPTNHTNAVFVAVMHAQRTSGSSAPTLYLPVLAWVFLPLL

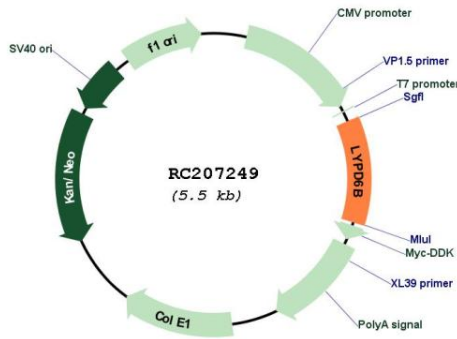
TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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UniProt ID: Q8NI32
Cytogenetics: 2q23.2
Protein Families: Druggable Genome, Transmembrane
MW: 23.2 kDa
Gene Summary: Believed to act as a modulator of nicotinic acetylcholine receptors (nAChRs) activity. In vitro acts on nAChRs in a subtype- and stoichiometry-dependent manner. Modulates specifically alpha-3(3):beta-4(2) nAChRs by enhancing the sensitivity to ACh, decreasing ACh-induced maximal current response and increasing the rate of desensitization to ACh; has no effect on alpha-7 homomeric nAChRs; modulates alpha-3(2):alpha-5:beta-4(2) nAChRs in the context of CHRNA5/alpha-5 variant Asn-398 but not its wild-type sequence.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC207249