

Product datasheet for RC222674

PLA2R (PLA2R1) (NM_007366) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PLA2R (PLA2R1) (NM_007366) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PLA2R
Synonyms:	CLEC13C; PLA2-R; PLA2G1R; PLA2IR; PLA2R
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC222674 representing NM_007366 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGCTGTCGCGCTCGCTGCTGCTGCTGCTGCTGCTGGGGCGCCGCGGGGCTGCGCCGAGGGTGTGG
CGGCGCGCTTACCCCGAGCGGCTCCTGGAGTGGCAGGATAAAGGAATATTTGTTATCCAAAGTGAGAG
TCTCAAGAAATGCATTCAAGCAGGTAATCGGTTCTGACCCTGGAGAAGTCAAGCAAGCAACAAGCAC
ATGCTGTGAAAATGGTTTCAAACCATGGCCTCTTAAACATAGGAGGCAGTGGTTGCCTGGGCTGAATT
TCTCCGCCCGAGAGCAGCCATTAAGCTTATATGAATGTGACTCCACCCTCGTTTCCTTACGGTGGCGCTG
TAACAGGAAGATGATCACAGGCCGCTGCAGTACTCTGTCCAGGTGGCGCATGACAACACAGTGGTGGCC
TCACGGAAGTATATTCATAAGTGGATTTCTTATGGGTCAGGTGGTGGAGACATTTGTGAATATCTACACA
AAGATTTGCATACAATCAAAGGGAACACCCACGGGATGCCGTGTATGTTCCCTTCCAGTATAACCATCA
GTGGCATCATGAATGTACCCGTGAAGGTCGGGAAGATGACTTACTGTGGTGTGCCACGACAAGCCGTTAT
GAAAGAGATGAAAAGTGGGATTTTGCCTGATCCACCTCTGCAGAAGTAGGTTGTGATACTATTTGGG
AGAAGGACCTCAATTCACACATTTGCTACCAGTTCAACCTGCTTTCATCTCTCTTGGAGTGAGGCACA
TTCTTCATGCCAGATGCAAGGAGGTACGCTGTTAAGTATTACAGATGAACTGAAGAAAATTTTCATAAGG
GAGCAGATGAGCAGTAAAACAGTGGAGGTGGATGGGCTCAATCAGCTGGATGAACACGCTGGCTGGC
AGTGGTCTGATGGAACGCGCTCAACTATCTGAATTGGAGCCAGAGGTAATTTTGGCCATTTGTTGA
AGATCACTGTGGAACATTTAGTTCATTTATGCCAAGTGCCTGGAGGAGTGGGATTTGTGAGTCCACCTTG
CCATATATATGTAATAAATATCTAAACCACATTGATCATGAAATAGTTGAAAAAGATGCGTGAAATATT
ATGCTACCCACTGTGAGCCTGGCTGGAATCCCTACAATCGTAATTGCTACAACTTCAGAAAAGAAGAAA
GACCTGGCATGAGGCTCTGCGTTCTTGTGAGGCTGATAACAGTGCATTAATAGACATAACCTCATTAGCA
GAGGTGGAGTTTCTTGAACCTCCTTGGAGATGAAAATGCATCAGAAACATGGATTGGTTTGGAGCAGCA
ATAAAATTCAGTTTCTTTGAATGGTCTAATGACTCTTCAGTCATCTTACTAATTGGCACACACTTGA
GCCCCACATTTTCCAAATAGAAGCCAGCTGTGTCTCAGCAGAGCAGTCTGAGGGACTGAAAAGTC



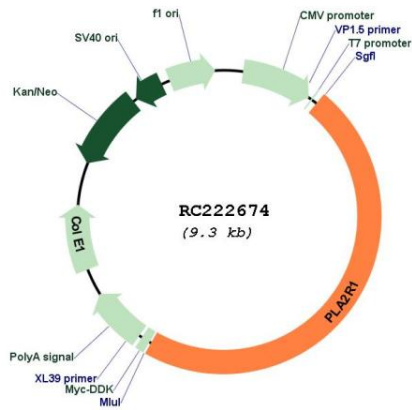
[View online >](#)

AAAAATTGTGAAGAAAGACTTTTTTACATTTGTAAAAAGCAGGCCATGTCCTCTGATGCTGAATCAG
GATGTCAAGAGGGATGGGAGAGACATGGTGATTCTGTTACAAAATTGACACAGTCTTCGAAGCTTTGA
CCAAGCTTCCAGCGGTTATTACTGTCTCTGCACTTGTAAACCATTACAAACAGGTTTGAACAGGCTTTT
ATTACCAGTTTGATCAGTAGTGTGGTAAAAATGAAGGACAGTTATTTTTGGTAGCTCTTCAGGACCAAA
ATGATACGGGAGAATACACTTGAAGCCAGTAGGGCAGAAACCCGAGCCGGTGCAGTACACACACTGGAA
CACACACCAGCCCGCTACAGTGGTGGCTGTGTGCCATGCGAGGAAGGCATCCACTTGGTCGCTGGGAA
GTGAAGCACTGTGCGCACTTAAAGGCAATGTCCTTGTGCAAGCAGCCAGTTGAAAAATCAGGAAAAAGCAG
AGTATGAAGAGAGATGGCCCTTTCACCCCTGCTATTTGGACTGGGAGTCAGAGCCTGGTCTGGCCAGTTG
CTTCAAGGTATTTTCATAGTGA AAAAGTTCTGATGAAAAGAACATGGAGAGAAGCTGAAGCATTGTCGAA
GAATTTGGAGCTCATCTTGAAGCTTTGCCATATTGAGGAAGAGAATTTTGTGAATGAGCTCTTACATT
CAAAATTAATTGGACAGAAGAAAGGCAGTTCTGGATTGGATTTAATAAAAGAAACCCACTGAATGCCGG
CTCATGGGAGTGGTCTGATAGAACTCCTGTTGTCTCTTCGTTTTAGACAACACTATTTTGGAGAAGAT
GCAAGAACTGTGCTGTTATAAGGCAACAAAACATTGCTGCCCTTACTGTGGTTCCAAACGTGAAT
GGATATGCAAAAATCCCAAGAGATGTGAAACCAAGATCCGTTCTGGTACCAGTACGATGTACCCTGGCT
CTTTTATCAGGATGCAGAATACCTTTTTCATACCTTTGCCTCAGAATGGTTGAACTTTGTGTTGTCTGT
AGCTGGCTGCACAGTATCTTCTACAATTCATTTGCACATGAGCAAGAATTCACACAGCAAAATAA
AAGCGCTATCAAAGTATGGTGCAAGTTGGTGGATTGGACTTCAAGAAGAAAGAGCCAATGATGAATTTG
CTGGAGAGATGGAACACCAGTATATACCAAGACTGGGACACAGGAAGAGAAAGAACTGTGAATAATCAG
AGCCAGAGATGTGGCTTATTTCTTCTATAACAGGACTCTGGGTAGTGAAGAGTGTTCAGTTTCTATGC
CTAGTATCTGTAAGCGAAAAAGGTTTGGCTCATAGAGAAAAAGAAAGATACACCAAAAACAACATGGAAC
GTGTCCCAAAGGATGGCTATATTTAACTATAAGTGCCTTCTGCTGAATATCCCAAGACCCAAGCAGT
TGGAAGAACTGGACGCATGCTCAACATTTCTGTGCTGAAGAAGGGGGACCCTGGTCGCCATTGAAAGTG
AGGTGGACCAAGCTTTTCACTACTATGAATCTTTTGGCCAGACCAGTGTGTGGATAGGTTTACAAAA
TGATGATTATGAAACATGGCTAAATGGAAGCCTGTGGTATATTCTAACTGGTCTCCATTTGATATAATA
AATATTCCAAGTACAATACCACTGAAGTTCAGAAACACATTCCTCTCTGTGCCTTACTCTCAAGTAATC
CTAATTTTCACTTCACTGGAAAAATGGTATTTTGAAGACTGTGGAAGGAAGGCTATGGGTTTGTGTTGTA
AAAAATGCAAGATACTTCTGGACACGGTGTAAATACATCTGATATGTATCCAATGCCCAATACCTTAGAA
TATGGAACAGAACTTACAAAATAATTAATGCAAAATAGACTTGGTATGCAGCAATAAAAACCTGCCTGA
TGCACAAAGCACAACCTGGTCAGCATCACAGACCAGTATCACCAGTCTTCTCTCACTGTTGCCTCAACCG
GCTAGGATATGCCACTGGATTGGACTGTTCAACACAGATAATGGTCTTAATTTTACTGGTCTGATGGC
ACCAAATCTTCTTCACTTTTTGGAAGATGAGGAGTCTCCCTCCTTGGTACTGCGTTTTTGGCCGACA
GCAACGGACGCTGGCATAGCACAGCCTGCGAGTCAATTTCTGCAAGGTGCCATTTGTCATGTGCCACTGA
AAACAAGACAATCTGAACCCAGAGTTGTGCTCAGAAACATCTATTCCCTGGATAAAAATTTAAAAGTAAT
TGCTACAGTTTTTCTACAGTCTAGACAGTATGAGTTTTGAGGCTGCTCATGAATTTTGCAAAAAGGAAG
GTTCTAATCTTTTAACAATCAAGGATGAGGCTGAAAATGCATTTCTCCTAGAAGAGCTGTTTGTCTTTGG
TTCTTCTGTCCAGATGGTTTGGTTGAATGCTCAATTTGATGGTAACAATGAAACCATAAAGTGGTTTGTG
GAACTCCACAGACCAGTCAAACCTGGGCATTCGGAAGCCAGACACAGACTACTTCAAGCCCCATCATT
GTGTTGCCCTTGAAGATCCCTGAAGGATTATGGCAGCTATCCCGTGTCAAGAAAAAAGGCTTTATATG
TAAAATGGAGGCAGATATTCACACTGCAGAGCCGCTGCCAGAAAAAGACCAAGTCACAGCATCATTCTCT
CTTGCGGTTGTAAGTACTGACACTGATAGTCAATGTGGCCATTTGCACACTTTCTTCTGCATATACAAGCATA
ACGGTGGCTTCTCAGGAGACTGCAGGTTTTCGGAATCCTTACTATCCTGCAACCAACTTTAGTACAGT
ATATTTAGAAGAAAAATTTCTCATTTTCTGATCTTGAGAAGAGTGACCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_007366.5
RefSeq Size:	4876 bp
RefSeq ORF:	4392 bp
Locus ID:	22925
UniProt ID:	Q13018
Cytogenetics:	2q24.2
Domains:	FN2, RICIN, CLECT
Protein Families:	Druggable Genome, Transmembrane
MW:	168.6 kDa
Gene Summary:	This gene represents a phospholipase A2 receptor. The encoded protein likely exists as both a transmembrane form and a soluble form. The transmembrane receptor may play a role in clearance of phospholipase A2, thereby inhibiting its action. Polymorphisms at this locus have been associated with susceptibility to idiopathic membranous nephropathy. Alternatively spliced transcript variants encoding different isoforms have been identified.[provided by RefSeq, Sep 2010]

Product images:



Circular map for RC222674