

Product datasheet for RC225128

PLA2G2C (NM_001105572) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids Product Name: PLA2G2C (NM_001105572) Human Tagged ORF Clone Tag: Myc-DDK PLA2G2C Symbol: Synonyms: phospholipase A2, group IIC; phospholipase A2, group IIC (possible pseudogene) Mammalian Cell Neomycin Selection: Vector: pCMV6-Entry (PS100001) E. coli Selection: Kanamycin (25 ug/mL) **ORF** Nucleotide >RC225128 representing NM_001105572 Red=Cloning site Blue=ORF Green=Tags(s) Sequence: TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC GGCAGTTTCAGAGGAGGGTCAAACACATCACGGGGCGAAGTGCCTTCTTCTCATATTACGGATATGGCTG CTACTGTGGGCTTGGGGATAAAGGGATCCCCGTGGATGACACTGACAGCCCCTCATCTCCCTAC GAGAAGCTGAAGGAGTTCAGCTGCCAGCCTGTGTTGAACAGCTACCAGTTCCACATCGTCAATGGCGCAG TGGTTTGTGGATGCACCCTTGGTCCTGGTGCCAGCTGCCACTGCAGGCTGAAGGCCTGTGAGTGTGACAA CCCAGGTGTGGCAGACATAAGCCCTGGTGC ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA >RC225128 representing NM_001105572 **Protein Sequence:** Red=Cloning site Green=Tags(s) MLIATSFFLFFSSVVAAPTHSSFWQFQRRVKHITGRSAFFSYYGYGCYCGLGDKGIPVDDTDSPSSPSPY EKLKEFSCQPVLNSYQFHIVNGAVVCGCTLGPGASCHCRLKACECDKQSVHCFKESLPTYEKNFKQFSSQ PRCGRHKPWC TRTRPLEQKLISEEDLAANDILDYKDDDDKV https://cdn.origene.com/chromatograms/mk8034 a04.zip Chromatograms:



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OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

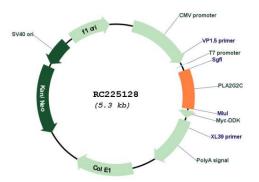
PLA2G2C (NM_001105572) Human Tagged ORF Clone – RC225128

String Scheme. String Scheme. ACCN: NM_001105572 ORF Size: The molecular sequent. reference only. Howev. naturally occurring var. clone is substantially in variants is recommence. String Scheme. OTI Annotation: The ORF clone is ion-er. Components: The ORF clone is ion-er. Cose the tube and i Scheme. Store the suspendeer. Store the suspendeer.	Series Control Con	Restriction Sites:	Sgfl-Mlul
ORF Image: Control of the control o	Lend Multi Note Signifie ORF Image: A for the formation of the standard and the standard and the formation of the standard and the stand	Cloning Scheme:	Sgf1 ORF Miu I
CAT CTG GCA GCA ANT GAT ATC GLE LA A N D I * The bat codon before the 3bop codon of the OF ACCN: NM_001105572 DRF Size: 450 bp DTI Disclaimer: The molecular sequent reference only. However naturally occurring variants is recommended to a substantially invariants is recommended to a substantially invariants is recommended to a substantially of the ORF clone is ion-existing a substantial of the ORF clone is ion-existing 10 ug of transitions Components: The ORF clone is ion-existing 10 ug of transitions Reconstitution Method: 1. Centrifuge at 5,000x 2. Carefully open the transition to a substantial open dotted at the bottom. 5. Store the suspended shipping when stored at the bottom. 8. Store the suspended shipping when stored at the bottom. 5. Store the suspended shipping when stored at the bottom. 8. Store the suspended shipping when stored at the bottom. 5. Store the suspended shipping when stored at the bottom. 8. Store the suspended shipping when stored at the bottom. 5. Store the suspended shipping when stored at the bottom. 8. Store the suspended shipping when stored at the bottom. 5. Store the suspended shipping when stored at the bottom. 8. Store the suspended shipping when stored at the bottom. 5. Store the suspended shipping when stored at the bottom. 8. Store the suspended shipping when stored at the bottom. 5. Store the suspended shipping when stored at the bott	 and the out of the out of the out the rest of the out of		EcoR I Bam H I Kpn I RBS Sgf I CTATASGECGEGGAATTCGTCGACTGGATACCGAGGAGATCTGCCGCGCGATCGC ATG +++ F ORF Miu I Not I Mive.Tag
ACCN: DRF Size: DTI Disclaimer: The molecular sequent reference only. However naturally occurring var clone is substantially in variants is recommend This clone was engineed varies depending on the The ORF clone is ion-ex- containing 10ug of trans Reconstitution Method: 1. Centrifuge at 5,000x 2. Carefully open the trans 3. Close the tube and i 4. Briefly vortex the tube and i 4. Briefly vortex the tube and i 5. Store the suspended shipping when stored at RefSeq: RefSeq ORF: 453 bp	 NM_001105572 450 bp 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 This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. 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). 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. <u>NM 001105572.1, NP 001099042.1</u> 453 bp 391013 		GAT CTG GCA GCA AAT GAT ATC CTG GAT TAC AAG GAT GAC GAC GAC GAT AAG GTT TAA ACGECCGGCC
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	391013	RefSeq:	<u>NM 001105572.1, NP 001099042.1</u>
		efSeq ORF:	453 bp
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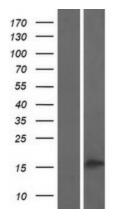
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	2G2C (NM_001105572) Human Tagged ORF Clone – RC225128
Protein Families:	Druggable Genome
Protein Pathways:	alpha-Linolenic acid metabolism, Arachidonic acid metabolism, Ether lipid metabolism, Fc epsilon RI signaling pathway, Glycerophospholipid metabolism, GnRH signaling pathway, Linoleic acid metabolism, Long-term depression, MAPK signaling pathway, Metabolic pathways, Vascular smooth muscle contraction, VEGF signaling pathway
MW:	16.7 kDa

Product images:



Circular map for RC225128



Western blot validation of overexpression lysate (Cat# [LY426282]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC225128 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).

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