

Product datasheet for SC209314

Phospholipase A2 (PLB1) (NM_153021) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Phospholipase A2 (PLB1) (NM_153021) Human 3' UTR Clone
Symbol:	Phospholipase A2
Synonyms:	PLB; PLB/LIP
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_153021
Insert Size:	1111 bp
Insert Sequence:	>SC209314 3'UTR clone of NM_153021 The sequence shown below is from the reference sequence of NM_153021. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCAATGAGCCTGCGCACTGTGGCCCTCTAGGCCCCGGGGTGGGTCTCACCTAACTCCCTATAGCCA
CTCTCTTACC GCCCTCTGCCCCAGCCACTCCCGCCACCAGGACATGCTTCAATGCCTGGTGCCATAG
GAAGCCCAGGGGACAGTCAAACTTCTTGGGCCCTGGGCTTCTCCAGGCCTATGCTCCTGGAATGGAT
ACATTTAAATAAAGTCCAAAGCTATTTTATTCTGGGTTTGCCTGCGTGAAGCACTCACCTTCCATCTC
TTGTGCAGCCCAGGTGTGGGAGCTGCCACTTTTTGTGGCCTGCCTCCAGCAGGGCTGCCAAGCCACGA
CCAACCAGAGCCCAAAGTGCCTGCCACCACGAGCATATCCTCAAGTACCAAACCCACTATTTCAAAGG
CAGAAAAAATGCTGGTCAACCAGGTGGTGGCTGGAATTTTGGAGCTGGCTGGTTGCCATTCACTCCAATC
CAACACATACCTATTAAGCAACTGTTTTGTATCCAGGACAATGCGAAGCACTGAGGTGCCTCCTAGGCT
GTGCATGTGCGAGCCTGGCAGAGAGGTCAAACCTCCTTCAATAACCAAGAAGCCACGTGATGATGTGTA
CTACTAGGCATCAGTAGGTAATGTGTCTGATTTTAAAGAATAGAAAGGGTTCTTCGGGGAAAAGT
TTCTTGGGGGAGAGCAACCTTACATGTCAATTTGGGAAAAGGAATAAAAAATGATTGGGACACAATA
CCTCTATATTCTAACCTGATTTTCTCAAGGTCTAAATTTAGGAAAAAATTCCTATTTCTATATGCC
CAGGTTTCTGAGGAAAAGTCTAGAGAGAGTCTGAAAATATGGGCTGCATTAAGCCCTGCTAGGGG
CGAGGCCCCGTGCTGGAGCCTTCCACAGATGGTCTCTTTATGCTGCACAAAAGCCAGGGAGGGGGT
AAAGGGAAAATCTTTGAAAATAGAAGTGTGCTTGCACAACACCGTGAATGTAATAAACGCCGCAAATT
GTTCCATTTAAAATGATTAATTGTGTATCATGTGAATTTCACTTCAATAAAAAAGAAATCCAGGGAGGTA
GACATCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites:	Sgfl-Mlul
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_153021.5
Summary:	This gene encodes a membrane-associated phospholipase that displays lysophospholipase and phospholipase A2 activities through removal of sn-1 and sn-2 fatty acids of glycerophospholipids. In addition, it displays lipase and retinyl ester hydrolase activities. The encoded protein is highly conserved and is composed of a large, glycosylated extracellular domain composed of four tandem homologous domains, followed by a hydrophobic segment that anchors the enzyme to the membrane and a short C-terminal cytoplasmic tail. This gene has been identified as a candidate rheumatoid arthritis risk gene. [provided by RefSeq, Jul 2016]
Locus ID:	151056
MW:	41.1