

Product datasheet for **RG228451**

PLBD2 (NM_001159727) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PLBD2 (NM_001159727) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	PLBD2
Synonyms:	P76
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG228451 representing NM_001159727
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGTGGGCCAGATGTACTGCTACCCCGCAGCCACCTGGCCCGGGCGCTGACGCGGGCGCTGGCGCTGG
 CCCTGGTCTGGCCCTGCTGGTGGGCCGTTCTGAGCGGCTGGCGGGGCGATCCCAGCGCCGGGGG
 CCGCTGGGCGCGCGATGGGCAGGTCCCTCCAGCCTCCCGCAGCCGCTCGGTGCTCCTGGACGTCTCGGC
 GGCCAGCTGCTTATGGTGGACGGACGCCACCCTGACCGCTGGCCTGGGCCAACCTCACCAACGCCATCC
 GCGAGACTGGGTGGCCCTTCTGGAGCTGGGCACAAGTGCCAAATAACAATGACAGCTTGCAGGCCTATGC
 AGCCGGTGTGGTGGAGGCTGCTGTGTCGGAGGAGCTCATCTACATGCACTGGATGAACACGGTGGTGAAT
 TACTGCGGCCCTTCGAGTATGAAGTCGGCTACTGCGAGAGGCTGAAGAGCTTCTGGAGGCCAACCTAG
 AGTGGATGCAGGAAGAGATGGAGTCAAACCCAGACTCACCTTACTGGCACCAGGTGCGGCTGACCCTCT
 GCAGCTGAAAGGCTGGAGGACAGCTACGAAGGCCGTGTGAGCTTCCAGCTGGGAAGTTACCATCAA
 CCCTTGGGGTTCCTCCTGCTGCAGCTCTCTGGGACCTGGAAGACCTGGAGCTGGCCCTGAACAAGACCA
 AGATCAAACCTTCTCTGGGCTCTGGCTCCTGTTCTGCCCTCATCAAGCTGCTCCCTGGCCAGAGTGACCT
 CCTGGTTGCCACAACACTGGAACAACCTACCAGCACATGCTGCGTGTCAACAAGTACTGGCTCCAG
 TTCCGGGAAGGCCCTGGGGGACTACCCGCTGGTTCCCGGCAACAAGCTGGTCTTCTCCTCCTACCCCG
 GCACCATCTTCTCCTGCGACGACTTCTACATCCTGGGCAGTGGCTGGTGGTACTGGAGACCACCATGG
 CAACAAGAACCAGCCCTGTGGAAGTATGTGCGGCCAGGGGCTGTGTGCTGGAGTGGGTACGCAACATC
 GTGGCCAAACCCTGGCCTCGGATGGGGCCACCTGGGCAGACATCTTCAAGAGTTCAACAGCGGCACCG
 GCATGGTGGTGGTGGCTGACAAGACCTCGGAGCTTACCAGAAGACCTACTGGCCAGTACAACATACC
 GTCTTTCGAGACTGTGTTCAATGCCAGTGGGCTGCAGGCCCTAGTGGCCAGTATGGGGACTGGTTTTCT
 TATGACGGGAGCCCCGGGCCAGATCTTCCGGCGGAACCAGTCACTGGTACAAGACATGGACTCCATGG
 TCAGGCTGATGAGGTACAATGACTTCTCCATGACCTCTGTCACTGTGCAAAGCCTGCAACCCCGAGCC
 CAATGGGGAGAATGCTATCTCCGCCGCTCCGACCTCAACCCGGCCAATGGCTCTACCCCTTCCAGGCC
 CTGCGTCAAGCGTCCCATGGGGTATCGATGTGAAGGTGACCAGCATGTCACTGGCCAGGATCCTGAGCC
 TGCTGGCGCCAGCGTCCACGTGGGACCAGGTGCCCGCTTCCAGTGGAGCACCTCGCCCTTCCAGCG
 CCTGCTGCACATGGGCCAGCCAGACCTCTGGAAGTTCGCGCTGTCAAGGTTTCATGGGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG228451 representing NM_001159727
 Red=Cloning site Green=Tags(s)

MVGMQMYCPGSHLARALTRALALALVLLVLPFLSGLAGAIAPGGRWARDGQVPPASRSRSLLDVSA
 GQLLMVDGRHPDAVAVANLTNAIRETGWAFLELGTSGQYNDLQAYAAAGVVEAAVSEELIYMHMNTVVN
 YCGPFEYEVGYCERLKSFLLEANLEWMQEEMESNPDSPLYWHQVRLTLLQLKGLSDSYEGRVSFPAGKFTIK
 PLGFLLLQLSGDLEDLELALNKTKIKPSLGSAGSALIKLLPGQSDLLVAHNTWNNYQHMLRVIKYYWLQ
 FREGPWGDYPLVPGNKLVSYPGTIFSCDDFYILGSLVTLETTIGNKNPALWKYVPRPGCVLEWVRNI
 VANRLASDGATWADIFKRFNSGTGMVVVADKTSLEYQKTYWASYNIPSFETVFNASGLQALVAQYGDWFS
 YDGSRAQIFRRNQSLVQDMSMVRMLRYNDFLHDPLSLCKACNPQNGENAI SARSDLN PANGSYPFQA
 LRQRSHGGIDVKVTSMSLARILSLLAASGPTWDQVPPFQWSTSPFSGLLHMQPDLWKFAPVKVSWD

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

ACCN:	NM_001159727
ORF Size:	1671 bp
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_001159727.2
RefSeq Size:	2736 bp
RefSeq ORF:	1674 bp
Locus ID:	196463
UniProt ID:	Q8NHP8
Cytogenetics:	12q24.13
Protein Families:	Transmembrane
Gene Summary:	Putative phospholipase.[UniProtKB/Swiss-Prot Function]