

## Product datasheet for **SC210500**

### **GPLD1 (NM\_001503) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	GPLD1 (NM_001503) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	GPLD1
Synonyms:	GPIPLD; GPIPLDM; PIGPLD; PIGPLD1; PLD
ACCN:	NM_001503
Insert Size:	2000 bp



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**Insert Sequence:**

>SC210500 3'UTR clone of NM\_001503

The sequence shown below is from the reference sequence of NM\_001503. 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
CTTCACGTCTATAGCCTTGGCTCAGATTGAAGATTTCACTGCATTTCCCACTCTGCCACCTCTCTCA
TGCTGAATCACATCCATGGTGAGCATTTTGATGGACAAAGTGGCACATCCAGTGGAGCGGTGGTAGATC
CTGATAGACATGGGGCTCCTGGGAGTAGAGAGACACACTAACAGCCACACCCTCTGGAAATCTGATACA
GTAAATATATGACTGCACCAGAAATATGTGAAATAGCAGACATTCTGCTTACTCATGTCTCTTCCACA
GTTTACTTCTCGCTCCCTTTGCATCTAAACCTTTCTTCTTTCCCACTATTGCCTGTAGTCAGACCT
GCTGTACAACCTATTTCTCTTCTCTTGAATGTCTTTCCAATGGCTGGAAAGGTCCTCTGTGGTTAT
CTGTTAGAACAGTCTCTGTACACAATTCCTCCTAAAAACATCCTTTTTTAAAAAAGAATTGTTCCAGCC
ATAAAGAAAGAACAAGATCATGCCCTTTGCAGGGACATGGATGGAGCTGGAGGCCATTATCCTTCATAA
ACTATTGCAGGAACAGAAAACCAAAACACTCCATATTCTCACTTGTAAAGTGGGAGCTAAATGAGAACAG
TGGACACATAGAGGGAAACAACACACACTGGGGCTATGAGAGGGCGGAAGGTGGGAGGAGGGAGAGAT
CAGGAAAAATAACTAATGGATACTTAGGGTGATGAAATAATCTGTGTAACAAACCCCATGACACACCT
TTATGTATGTAACAAACCAGCATTCTGCGCATGTACCCTGAACTTAAAGTTAAAAAAGTTGAA
CTTAAAAATAACAGATTGGCCCATGCCAATCAAAGTATAATAGAAAGCATAGTATACAGAAAAA
AAAAAAGAAACTGAGGGAGGAAAAATAGTACAGAGTAAAGCATGGGGTGAGGGATAACCTCACATTCC
AAATCACTTGTGACTTAGTCTTTTTAACTTTTATTTTAGGTTCACTGGTACATGTAAGGTTTTATCT
TTTCTGTTCTCCACCTTCCCACTCAAGTAGACCCAGTGTGTGTTGTTTTGTGTTTATAAGTTCTT
TTAACTTAGCACCCACTTGTGAGAACATGCTATACTTGGTATTTGGTTTTCTGTTCTGGTGTGTT
AGTTTGCTAAGGATGATAGTCTTTTTTTTTTTTTTTTTTTTTTTTGGACGGAGTCTTGCTCTGTTGCCA
GGCTGGAGTGCAGTGATGTGATCTCAGCTCACTGCAACCTCCGCCTCCAGGTTCAAGTGATTCTCTG
TCTCAGCTCCAGGCAGCTGGGACTACAGGTGCACAATACTACGCCCGGCTAATTTTTGTATTTTAG
TAGAGACAGGTTTACCATGTTGGCCAGGCTGGTCTCGAACTCCTGATCTCAGGTGATCCACCCACCT
TGACCTCCCAAAGTGCTGGGATTACATGTGTGAGCCACAGGACCTGGCCGATAATCCTTTCTTAATGAG
GATTAATACCTTTTCAATGTTTATATAGTGAAGGACAAAATAAAAAACCAAGACTATCACCTTCTGTG
CCCTCCAATACTTTTGTAGAGTTGGCTGTTCTAACACCTAAAGAGCCTAGCGACTGCTAGTTTTAAG
CCATCTCATGAGGACCTTTGTGCAATTAGGTTACAACCTGTGCCAAAAGAACTAGAGGGAAAAGATGT
GGCCTGAGCCACACGCTACTGTAAGGGCCGGAGAGGAAAGCAGGCCTTGGCCTCGTTGTTCTGGGCT
GTTTTTCGTAGGATGGATTTCAATTTGTCAGTCTGCAGCGTGGCACACTTAAAGGAATGGAATGTATCA
TAGGGTTTCAAGTAAACATTAGCGGGCATTATCTGTAACAGTAACTAGTTTATTTTGTGTTAA
ATTGGGAAGAACCTTTTCTTCTGCCACGGGTGAGATGATACTAAAAGCAGGAGAAAATAACAAATGA
ACGCGTAAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
    
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**Restriction Sites:**

SgfI-MluI

**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\\_001503.4](#)

**Summary:** Many proteins are tethered to the extracellular face of eukaryotic plasma membranes by a glycosylphosphatidylinositol (GPI) anchor. The GPI-anchor is a glycolipid found on many blood cells. The protein encoded by this gene is a GPI degrading enzyme. Glycosylphosphatidylinositol specific phospholipase D1 hydrolyzes the inositol phosphate linkage in proteins anchored by phosphatidylinositol glycans, thereby releasing the attached protein from the plasma membrane. [provided by RefSeq, Jul 2008]

**Locus ID:** 2822

**MW:** 74.9