# Recombinant Human GPLD1 Protein, DYKDDDDK-tagged

**Cat. No.** GPLD1-01H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant protein from the full-length sequence of homo sapiens glycosylphosphatidylinositol specific phospholipase D1 (GPLD1) (NM_001503), with a DYKDDDDK tag was expressed in human cells. |
| **Species** | Human |
| **Source** | Human Cells |
| **Description** | 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. |
| **Molecular Mass** | 89.8 kDa |
| **Endotoxin** | < 0.1 ng/μg of protein (<1 EU/μg) |
| **Purity** | > 90% by SDS-PAGE gel and Coomassie Blue staining |
| **Applications** | Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies; For research & development use only! |
| **Storage Buffer** | Purified protein formulated in a sterile solution of TBS buffer, pH7.4, without any |

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|---|---|
| | preservatives |

## GENE INFORMATION

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| **Gene Name** | GPLD1 glycosylphosphatidylinositol specific phospholipase D1 [ Homo sapiens (human) ] |
| **Official Symbol** | GPLD1 |
| **Synonyms** | GPLD1; glycosylphosphatidylinositol specific phospholipase D1; PLD; GPIPLD; PIGPLD; GPIPLDM; PIGPLD1; phosphatidylinositol-glycan-specific phospholipase D; GPI-PLD; GPI-specific phospholipase D; PI-G PLD; glycoprotein phospholipase D; EC 3.1.4.50 |
| **Gene ID** | 2822 |
| **mRNA Refseq** | NM_001503 |
| **Protein Refseq** | NP_001494 |
| **MIM** | 602515 |
| **UniProt ID** | P80108 |

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