

Recombinant Human GPLD1 Protein, DYKDDDDK-tagged

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

SPECIFICATION

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

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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