

Recombinant Full Length Human GPLD1 Protein, GST-tagged

Cat. No. GPLD1-5549HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPLD1 full-length ORF (AAH20748, 1 a.a. - 176 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	176 amino acids
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. [provided by RefSeq
Molecular Mass	45.1 kDa
AA Sequence	MSAFRLWPGLLIMLGSLCHRGSPCGLSTHIEIGHRALEFLQLHNGRVNYRELLLEHQ DAYQAGIVFPDCFYPSICKGGKFHDVSESTHWTPFLNASVHYIRENYPLPWEKDTEK LVAFLFGITSHMAADVSWHSLGLEQGFLRTMGAIDFHGSYSEAHSAAGDFGTVYLHLL NFLVV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	GPLD1 glycosylphosphatidylinositol specific phospholipase D1 [Homo sapiens]
Official Symbol	GPLD1
Synonyms	GPLD1; glycosylphosphatidylinositol specific phospholipase D1; phosphatidylinositol-glycan-specific phospholipase D; GPI-PLD; PI-G PLD; GPI-specific phospholipase D; glycoprotein phospholipase D; phospholipase D, phosphatidylinositol-glycan-specific; glycosylphosphatidylinositol specific phospholipase D1, isoform 2; GPIPLD; PIGPLD; GPIPLDM; PIGPLD1; MGC22590;
Gene ID	2822
mRNA Refseq	NM_001503
Protein Refseq	NP_001494
MIM	602515
UniProt ID	P80108

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