

Recombinant Full Length Human GPLD1 Protein

Cat. No. GPLD1-207HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human GPLD1 Isoform 2 with N terminal proprietary tag; Predicted MW 45.47 kDa.
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.
Form	Liquid
Molecular Mass	45.470kDa inclusive of tags
AA Sequence	MSAFRLWPGLLIMLGSLCHRGSPCGLSTHIEIGHRALEFL QLHNGRVNYRELLLEHQ DAYQAGIVFPDCFYPSICKGGKF HDVSESTHWTPFLNASVHYIRENYPLPWEKDTE KLVAFLF GITSHMAADVSWHSLGLEQGFLRTMGAIDFHGSYSEAHSA GDFGTVYLH LLNFLVV

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Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

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
Gene ID	2822
mRNA Refseq	NM_001503
Protein Refseq	NP_001494
MIM	602515
UniProt ID	P80108

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