

Recombinant Human GPLD1 cell lysate

Cat. No. GPLD1-735HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

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;

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	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
Chromosome Location	6p22.1
Pathway	Glycosylphosphatidylinositol(GPI)-anchor biosynthesis, organism-specific biosystem; Glycosylphosphatidylinositol(GPI)-anchor biosynthesis, conserved biosystem;
Function	glycosylphosphatidylinositol phospholipase D activity; glycosylphosphatidylinositol phospholipase D activity; hydrolase activity; phospholipase C activity; phospholipase D activity; sodium channel regulator activity; zinc ion binding;

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