



Human GPLD1 peptide (DAG-P1572)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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, Jul 2008]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the GPLD1 family.Contains 7 FG-GAP repeats.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

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; PI-G PLD; GPI-specific phospholipase D; glycoprotein phospholipase D; glycosylphosphatidylinositol specific phospholipase D1, isoform 2;

Entrez Gene ID	2822
mRNA Refseq	NM_001503.3
Protein Refseq	NP_001494.2
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; phospholipase D activity; sodium channel regulator activity;