

Recombinant Human GPLD1 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. GPLD1-434H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GPLD1 MS Standard C13 and N15-labeled recombinant protein (NP_001494) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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]
Molecular Mass	92.35 kDa
AA Sequence	MSAFRLWPGLLIMLGSLCHRGSPCGLSTHVEIGHRALEFLQLHNGRVNYRELLLEHQ DAYQAGIVFPDCFYPSICKGGKFHDVSESTHWTPFLNASVHYIRENYPLPWEKDTEK LVAFLFGITSHMAADVSWHSLGLEQGFLRTMGAI DFHGSYSEAH SAGDFGGDVLSQ FEFNFNYLARRWYVPVKDLLGIYEKLYGRKVITENVIVDCSHIQFLEMYGEMLAVSKL YPTYSTKSPFLVEQFQEYFLGGLDDMAFWSTNIYHLTSFMLENGTSDCNLPENPLFI ACGGQQNHTQGSKMQKNDFHRNLTTSLTESVDRNINYTERGVFFSVNSWTPDSMS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

FIYKALERNI RTMFIGGSQLSQKHVSSPLASYFLSFPYARLGWAMTSADLNQDGHGD
 LVVGAPGYSRPGHIHIGRVYLIYGN DLGLPPVDLDLDKEAHRILEGFQPSGRFGSALA
 VLDFNVDGVPDLAVGAPSVGSEQLTYKGAVYVYFGSKQGGMSSSPNITISCQDIYC
 NLGWTLAADVNGDSEPD LVIGSPFAPGGGKQKGIVAAFYSGPSLSDKEKLNVEAA
 NWTVRGEEDFSWFGYSLHGVTVDNRTLLL VGSP TWKNASRLGHLLHIRDEKKS LGR
 VYGYFPPNGQSWFTISGDKAMGKLGTSLS SGHVL MNGTLKQVLLVGAPTYDDVSKV
 AFLTVTLHQGGATRM YALISDAQPLLLSTFSGDRRFSRFGGV LHLSDLD DDGLDEIIM
 AAPLRIADVTSGLIGGEDGRVYVYNGKETTLGDMTGKCKSWITPCPEEKAQYVLISP
 EASSRFGSSLITVRSKAKNQV VIAAGRSSLGARLSGALHVYSLGSDTRTRPLEQKLIS
 EEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name GPLD1 glycosylphosphatidylinositol specific phospholipase D1 [Homo sapiens (human)]

Official Symbol [GPLD1](#)

Synonyms GPLD1; glycosylphosphatidylinositol specific phospholipase D1; phosphatidylinositol-glycan-specific phospholipase D; GPI-PLD; PI-G PLD; GPI-specific phospholipase D;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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](#)

SDS-PAGE

