

Specifications:

Gene:	hGPLD1
Accession:	NP_001494
Insert size:	2536bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

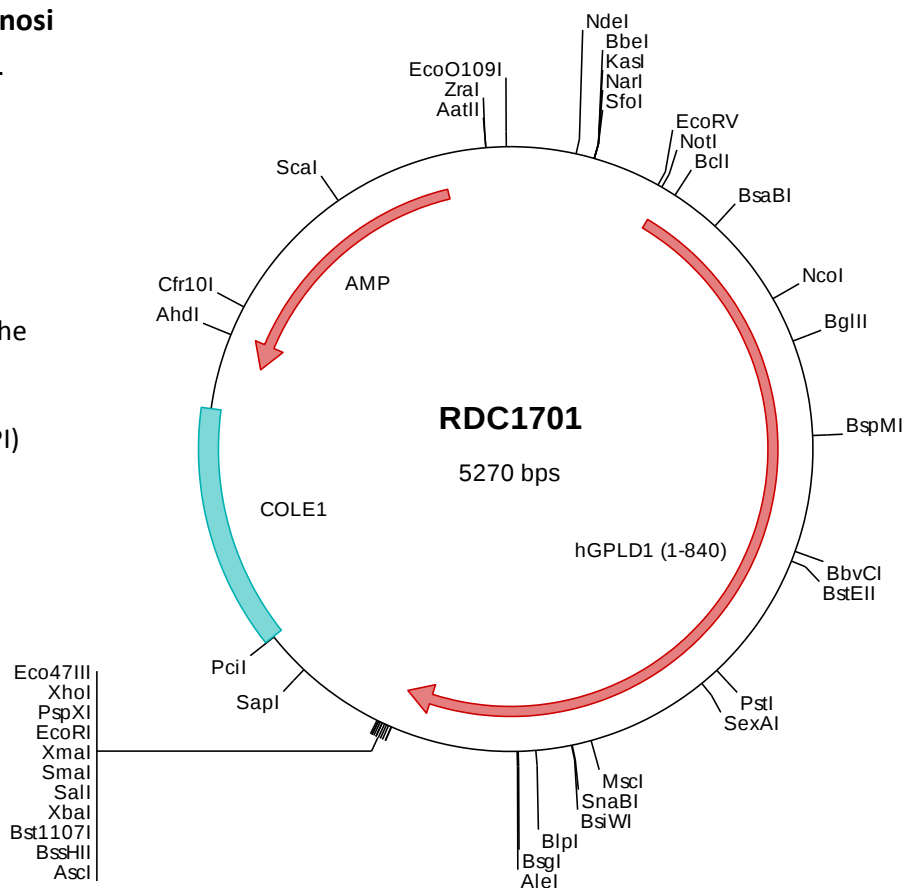
hGPI-PLD/GPLD1 cDNA Plasmid

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

Also known as: PLD; GPIPLD;
PIGPLD; GPIPLDM; PIGPLD1

Summary:

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. GPLD1 is a GPI degrading enzyme. GPLD1 hydrolyzes the inositol phosphate linkage in proteins anchored by phosphatidylinositol glycans, thereby releasing the attached protein from the plasma membrane.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1701 Plasmid DNA Sequence

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> RDC1701 Translated Insert Sequence

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