

Recombinant Full Length Human PLA1A Protein, C-Flag-tagged

Cat. No. PLA1A-1143HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PLA1A Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The protein encoded by this gene is a phospholipase that hydrolyzes fatty acids at the sn-1 position of phosphatidylserine and 1-acyl-2-lysophosphatidylserine. This secreted protein hydrolyzes phosphatidylserine in liposomes. Three transcript variants encoding different isoforms have been found for this gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	49.5 kDa
AA Sequence	MPPGPWESCFWVGGLILWLSVGSSGDAPPTPQPKCADFQSANLFEGTDLKVQFLL FVPSNPSCGQLVEGS SDLQNSGFNATLGTKLIHGFRLVGTGPSWIDTFIRTLRATN ANVIAVDWIYGSTGVYFSAVKNVIKLS LEISLFLNKLVLGVSESSIHIIGVSLGAHVGG MVGQLFGGQLGQITGLDPAGPEYTRASVEERLDAGDA LFVEAIHTDNDNLGIRIPVG HVDYFVNNGGQDQPGCPTFFYAGYSYLICDHMRAVHLYISALENSCPLMAF PCASYK AFLAGRCLDCFNPFLLSCPRIGLVEQGGVKIEPLPKEVKVYLLTSSAPYCMHHSLE FHLKEL RNKDTNIEVTFLLSSNITSSSKITIPKQQRYGKGIIAHATPQCQINQVKFKFQS SNRVWKKDRTTIIGKFC

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	TALLPVNDREKMOVCLPEPVNLQASVTVSCDLKIACVTRTRPLEQKLISEEDLAANDIL DYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Secreted Protein
Full Length	Full L.

GENE INFORMATION

Gene Name	PLA1A phospholipase A1 member A [Homo sapiens (human)]
Official Symbol	PLA1A
Synonyms	PSPLA1; PS-PLA1
Gene ID	51365
mRNA Refseq	NM_015900.4

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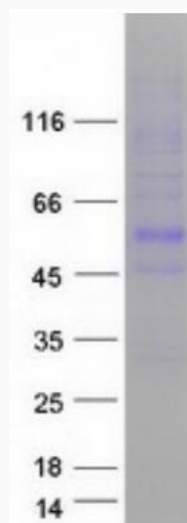
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Protein Refseq NP_056984.1

MIM 607460

UniProt ID Q53H76



Coomassie blue staining of purified PLA1A protein.

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