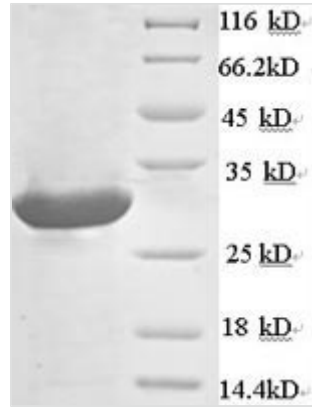




Recombinant Rat Calcium-dependent phospholipase A2(Pla2g5)

Product Code	CSB-EP018103RA
Relevance	PA2 catalyzes the calcium-dependent hydrolysis of the 2-acyl groups in 3-sn-phosphoglycerides. This isozyme hydrolyzes L-alpha-palmitoyl-2-oleoyl phosphatidylcholine more efficiently than L-alpha-1-palmitoyl-2-arachidonyl phosphatidylcholine, L-alpha-1-palmitoyl-2-arachidonyl phosphatidylethanolamine or L-alpha-1-stearoyl-2-arachidonyl phosphatidylinositol.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P51433
Storage Buffer	Tris-based buffer,50% glycerol
Alias	Group V phospholipase A2;PLA2-10Phosphatidylcholine 2-acylhydrolase 5
Product Type	Recombinant Protein
Species	Rattus norvegicus (Rat)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	GLLELKSMIEKVTGKNAVKNYGFYGCYCGWGGHGTPKDGTDWCCRMHDRC YGLLEEKHCAIRTQSYDYRFTQDLVICEHDSFCPVRLCACDRKLVYCLRRNLW SYNRLYQYYPNFLC
Lead Time	3-7 business days
Research Area	Others
Source	E.coli
Gene Names	Pla2g5
Expression Region	21-137aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	29.8kDa
Protein Description	Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.