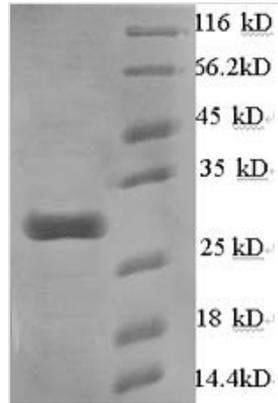




Recombinant Mouse Calcium-dependent phospholipase A2(Pla2g5)

Product Code	CSB-EP018103MO
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.	P97391
Storage Buffer	Tris-based buffer,50% glycerol
Alias	Group V phospholipase A2;PLA2-10Phosphatidylcholine 2-acylhydrolase 5
Product Type	Recombinant Protein
Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	GLLELKSMIEKVTGKNAFKNYGFYGCYCGWGGRRGTPKDGTDWCCQMHDRC YGQLEEKDCAIRTQSYDYRYTNGLVICEHDSFCPMRLCACDRKLVYCLRRNL WTYNPLYQYYPNFLC
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.