

Recombinant Rat Phospholipase A2, membrane associated(Pla2g2a)

Catalog No: #AP71006

Package Size: #AP71006-1 20ug #AP71006-2 100ug #AP71006-3 1mg

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Description

Product Name	Recombinant Rat Phospholipase A2, membrane associated(Pla2g2a)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:22-146aaSequence Info:Full Length
Other Names	GLIC sPLA2Group IIA phospholipase A2;Phosphatidylcholine 2-acylhydrolase 2A
Accession No.	P14423
Calculated MW	30.1 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	SLLEFGQMILFKTGKRADVSYGFYGCCHGCVGGRGSPKDATDWCCVTHDCCYNRLEKRGCGTKFLTYKFSYR GGQISCSTNQDSCRKQLCQCDKAAAEFCFARNKKSYSLKYQFYFNPKNFKCKGKTPSC
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Thought to participate in the regulation of the phospholipid metabolism in biomembranes including eicosanoid biosynthesis. Catalyzes the calcium-dependent hydrolysis of the 2-acyl groups in 3-sn-phosphoglycerides.

References

Structure of cDNA coding for rat platelet phospholipase A2.Komada M., Kudo I., Mizushima H., Kitamura N., Inoue K.J. Biochem. 106:545-547(1989)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.