

Recombinant mouse Group XIIA secretory phospholipase A2

Catalog No: #AP71524

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Package Size: #AP71524-1 20ug #AP71524-2 100ug #AP71524-3 1mg

Description

Product Name	Recombinant mouse Group XIIA secretory phospholipase A2
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:26-192aaSequence Info:Full Length
Other Names	Phosphatidylcholine 2-acylhydrolase 12A
Accession No.	Q9EPR2
Uniprot	Q9EPR2
GeneID	66350;
Calculated MW	34.7 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	QEQQDQTDDWRATLKTIRNGIHKIDTYLNAALDLLGGEDGLCQYKCSGSKPVPYRYGYKPSPPNGCGSPLFGV HLNIGIPSLTKCCNQHDRCYETCGKSKNDCDEEFQYCLSKICRDVQKTLGLSQNVQACETTVELLFDSVIHLGC KPYLDSQRAACWCRYEEKTDL
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

PA2 catalyzes the calcium-dependent hydrolysis of the 2-acyl groups in 3-sn-phosphoglycerides. Does not exhibit detectable activity toward sn-2-arachidonoyl- or linoleoyl-phosphatidylcholine or -phosphatidylethanolamine .

References

A novel group of phospholipase A2s preferentially expressed in type 2 helper T cells.Ho I.C., Arm J.P., Bingham C.O. III, Choi A., Austen K.F., Glimcher L.H.J. Biol. Chem. 276:18321-18326(2001)Research Topic:Others

Note: This product is for in vitro research use only