

Recombinant human Group XIIA secretory phospholipase A2

Catalog No: #AP73122

Package Size: #AP73122-1 20ug #AP73122-2 100ug #AP73122-3 1mg

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Description

Product Name	Recombinant human Group XIIA secretory phospholipase A2
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:23-185aaSequence Info:Partial
Other Names	Phosphatidylcholine 2-acylhydrolase 12A
Accession No.	Q9BZM1
Uniprot	Q9BZM1
GeneID	81579;
Calculated MW	20.3 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	QEQAQTTDWRATLKTIRNGVHKIDTYLNAALDLLGGEDGLCQYKCSDBGSKPFPRYGYKPSPPNGCGSPLFGV HLNIGIPSLTKCCNQHDRCYETCGKSKNDCDEEFQYCLSKICRDVQKTLGLTQHVQACETTVELLFDSVIHLGC KPYLDSQRAACRCHYEE
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

Cloning and recombinant expression of a structurally novel human secreted phospholipase A2.Gelb M.H., Valentin E., Ghomashchi F., Lazdunski M., Lambeau G.J. Biol. Chem. 275:39823-39826(2000)Research Topic:Metabolism

Note: This product is for in vitro research use only