

Product datasheet

Recombinant Human Phosphatidic acid phosphatase type 2B protein ab160113

1 Image

Description

Product name	Recombinant Human Phosphatidic acid phosphatase type 2B protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>MQNYKYDKAIVPESKNGGSPALNNNPRRSGSKRVLLICLD LFCLFMAGLP FLIETSTIKPYHRGFYCNDSEIKYPLKTGETINDAVLCAVGM AILAI ITGEFYRIYLLKKSRSSTIQNPYVAALYKQVGCFLFGCAISQSF TDIKVS IGRLRPHFLSVCNPDFSQINCSEGYIQNYRCRGDDSKVQE ARKSFFSGHA SFSMYTMLYLVLQARFTWRGARLLRPLLQFTLIMMAFYT GLSRVSDHK HHPSDVLAGFAQGALVACCIVFFVSDLFKTKMTLSLPAPA IRKEILSPVD IIDRNNHHNMM</p>
Amino acids	1 to 311
Tags	GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab160113** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA
	Western blot

Form	Liquid
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Additional notes

Preparation and Storage

Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function

Catalyzes the conversion of phosphatidic acid (PA) to diacylglycerol (DG). In addition it hydrolyzes lysophosphatidic acid (LPA), ceramide-1-phosphate (C-1-P) and sphingosine-1-phosphate (S-1-P). The relative catalytic efficiency is LPA = PA > C-1-P > S-1-P. May be involved in cell adhesion and in cell-cell interactions.

Tissue specificity

Ubiquitously expressed. Highly expressed in heart and placenta.

Sequence similarities

Belongs to the PA-phosphatase related phosphoesterase family.

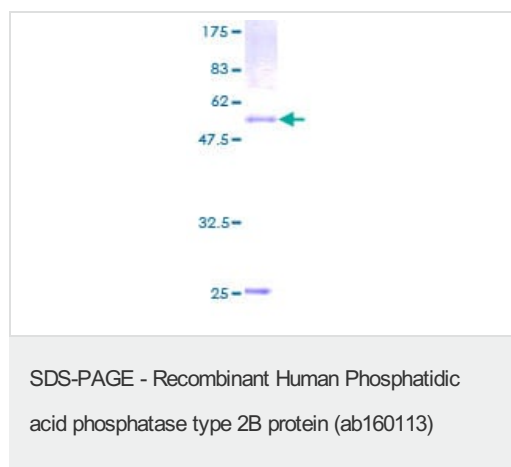
Post-translational modifications

N-glycosylated. Contains high-mannose oligosaccharides.

Cellular localization

Golgi apparatus > trans-Golgi network membrane. Cell membrane.

Images



ab160113 on a 12.5% SDS-PAGE stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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