

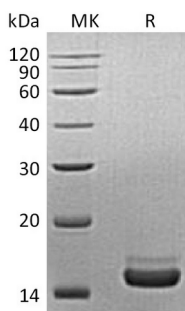
Product Name: Recombinant Mouse PLA2G1B (C-6His)
Catalog #: PHM1325



概述 (Summary)

英文全称	Phospholipase A2/PLA2-1b/Group IB phospholipase A2/Phosphatidylcholine 2-acylhydrolase 1B/Pla2g1b/Pla2
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Mouse Phospholipase A2 is produced by our Mammalian expression system and the target gene encoding Ala16-Cys146 is expressed with a 6His tag at the C-terminus.
Accession #	Q9Z0Y2
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Mouse
预测分子量 (Predicted MW)	15.6 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM HEPES, 150mM NaCl, pH 7.0.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

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分子别名 (Alternative Names)

Phospholipase A2; Group IB phospholipase A2; PLA2-Ib; Phosphatidylcholine 2-acylhydrolase 1B; Pla2g1b; Pla2

背景介绍 (References)

Mouse phospholipase A2 is a secreted protein which belongs to the phospholipase A2 family. Phospholipase A2/PLA2G1B catalyzes the release of fatty acids from glycerol-3-phosphocholines. The best known varieties are the digestive enzymes secreted as zymogens by the pancreas of mammals. PLA2G1B has been thought to play major role in digestion of glycerophospholipids in nutrients, given its abundance in digestive organs. Since its expression has been observed in non-digestive organs including the lung, spleen, kidney, ovary, retina, brain, and neurons, its function may not be limited to digestive role. PLA2G1B are resistant to obesity and diabetes induced by feeding a diabetogenic high-fat/high-carbohydrate diet. PLA2G1B inhibition may be a potentially effective oral therapeutic option for treatment of obesity and diabetes.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.