Creative Enzymes®

PLA2G12B from Human, Recombinant

Cat. No. NATE-0590

Lot. No. (See product label)

Introduction

Description	Human PLA2G12B (GenBank Accession No. NM_032562), amino acids 20-295 (end) with C-terminal His tag, MW=21.1 kDa, expressed in a mammalian cell expression system.
Applications	Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.
Synonyms	PLA2G12B; phospholipase A2; FKSG71; GXIIB; Phospholipase A2 G12

Product Information

Species	Human
Source	Mammalian cells
Form	aqueous solution; Fomulated in 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 200 mM Imidazole, and 20% Glycerol.
Molecular Weight	mol wt 21.1 kDa
Purity	> 60% (SDS-PAGE)
Pathway	Arachidonic acid metabolism, organism-specific biosystem; Arachidonic acid metabolism, conserved biosystem; Ether lipid metabolism, organism-specific biosystem; Ether lipid metabolism, conserved biosystem; Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; Fc epsilon RI signaling pathway, organism-specific biosystem
Function	calcium ion binding; phospholipase A2 activity

Storage and Shipping Information

Storage	−70°C