

PLA2G12A from Human, Recombinant

Cat. No. NATE-0589

Lot. No. (See product label)

Introduction

Description Human PLA2G12A (GenBank Accession No. NM_030821), amino acids 23-189 (end) with C-terminal His-tag, MW=22 kDa, expressed in a mammalian cell expression system.

Applications Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

Synonyms PLA2G12A; phospholipase A2; GXII; Phospholipase A2 G12; ROSSY; PLA2G12

Product Information

Species Human

Source Mammalian cells

Form aqueous solution; Formulated 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 22 kDa

Purity > 80% (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; calcium-dependent phospholipase A2 activity; hydrolase activity

Storage and Shipping Information

Storage -20°C