

# 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