

## 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