

Phosphodiesterase 2A FLAG tag active from Human, Recombinant

Cat. No. NATE-0519

Lot. No. (See product label)

Introduction

Description cGMP-dependent 3',5'-cyclic phosphodiesterase is an enzyme that in humans is encoded by the PDE2A gene.

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

Synonyms PDE2A; phosphodiesterase 2A, cGMP-stimulated; CGS-PDE; PDE2A1; PED2A4; cGSPDE

Product Information

Species Human

Source Baculovirus infected Sf9 cells

Form aqueous solution

Molecular Weight mol wt 106 kDa

Purity > 88% (SDS-PAGE)

Pathway G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; Hemostasis, organism-specific biosystem; Morphine addiction, organism-specific biosystem; Morphine addiction, conserved biosystem; Nitric oxide stimulates guanylate cyclase, organism-specific biosystem; Platelet homeostasis, organism-specific biosystem

Function 3,5-cyclic-nucleotide phosphodiesterase activity; TPR domain binding; cAMP binding; cGMP binding; cGMP binding; cGMP-stimulated cyclic-nucleotide phosphodiesterase activity; calcium channel activity; cyclic-nucleotide phosphodiesterase activity; drug binding; drug binding; hydrolase activity; metal ion binding; nucleotide binding; phosphoric diester hydrolase activity; protein binding; protein homodimerization activity

Storage and Shipping Information

Storage -70°C