

PDE5A1 active from Mouse, Recombinant

Cat. No. NATE-0528

Lot. No. (See product label)

Introduction

Description Mouse PDE5A (GenBank Accession No. NM_153422) full length with N-terminal GST-tag, MW=124 kDa, expressed in a Baculovirus infected Sf9 cell expression system.

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

Synonyms CN5N; phosphodiesterase 5A, cGMP-specific; PDE5A1; PDE5A

Product Information

Species Mouse

Source Baculovirus infected Sf9 cells

Form aqueous solution

Molecular Weight mol wt 124 kDa

Purity > 70% (SDS-PAGE)

Pathway Hemostasis, organism-specific biosystem; Nitric oxide stimulates guanylate cyclase, organism-specific biosystem; Platelet homeostasis, organism-specific biosystem; Purine metabolism, organism-specific biosystem; Purine metabolism, conserved biosystem; cGMP effects, organism-specific biosystem; cyclic GMP biosynthesis, organism-specific biosystem

Function 3,5-cyclic-GMP phosphodiesterase activity; 3,5-cyclic-nucleotide phosphodiesterase activity; cGMP binding; catalytic activity; cyclic-nucleotide phosphodiesterase activity; hydrolase activity; metal ion binding; nucleotide binding; phosphoric diester hydrolase activity

Storage and Shipping Information

Storage -70°C