

## PDE5A1 active from Mouse, Recombinant

Cat. No. NATE-0528

Lot. No. (See product label)

### Introduction

<b>Description</b>	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.
<b>Applications</b>	Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.
<b>Synonyms</b>	CN5N; phosphodiesterase 5A, cGMP-specific; PDE5A1; PDE5A

### Product Information

<b>Species</b>	Mouse
<b>Source</b>	Baculovirus infected Sf9 cells
<b>Form</b>	aqueous solution
<b>Molecular Weight</b>	mol wt 124 kDa
<b>Purity</b>	> 70% (SDS-PAGE)
<b>Pathway</b>	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
<b>Function</b>	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

<b>Storage</b>	-70°C
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