

cGMP-specific 3',5'-cyclic phosphodiesterase

Catalog No: #AP78519



Package Size: #AP78519-1 50ug #AP78519-2 100ug #AP78519-3 1mg

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Description

Product Name	cGMP-specific 3',5'-cyclic phosphodiesterase
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Rat
Immunogen Description	546-811AA
Other Names	Pde5,cGMP-binding cGMP-specific phosphodiesterase,CGB-PDE
Accession No.	O54735Gene name:Pde5a
Uniprot	O54735
GeneID	171115;
Calculated MW	29.26
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Plays a role in signal transduction by regulating the intracellular concentration of cyclic nucleotides. This phosphodiesterase catalyzes the specific hydrolysis of cGMP to 5'-GMP. Specifically regulates nitric-oxide-generated cGMP.

References

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Note: This product is for in vitro research use only