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Product Datasheet

Native Bovine Phosphodiesterase II, CAS [[9068-54-6]] CRM-NATE-0518

Article Name	Native Bovine Phosphodiesterase II, CAS [[9068-54-6]]
Biozol Catalog Number	CRM-NATE-0518
Supplier Catalog Number	NATE-0518
Alternative Catalog Number	CRM-NATE-0518-10
Manufacturer	Creative BioMart
Category	Biochemikalien
Product Description	Phosphodiesterase (PDE) is any enzyme that is used to breaks phosphodiester bonds. The enzyme acts on poly (A), poly (U), and poly (I). Native DNA and poly (C) are quite resistant to the action of this enzyme. Hydrolyzes RNA, RNA-Core, 3-alkyl-and 3-...
Concentration	>1.2 u/mg
CAS Number	[9068-54-6]
Application Notes	Phosphodiesterase (PDE) is any enzyme that is used to breaks phosphodiester bonds. It is a membrane-bound glycoprotein that is used to catalyze the hydrolysis of various nucleotide polyphosphates. Phosphodiesterase II has been used in the enzymatic digestions of purified proteins such as the P8-dGMP complex. Bovine spleen phosphodiesterase has been used to digest N-cadherin. The product has been used in the characterization of polynucleotide chain length, base composition, and identity of terminal nucleotide. The enzyme has also been used in excision of pyridyloxobutyl (POB) base adducts from DNA. Furthermore, it has been used along with micrococcal endonuclease to hydrolyze purified DNA to 3-nucleoside monophosphates.