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Product Datasheet

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

Artikelname	Native Bovine Phosphodiesterase II, CAS [[9068-54-6]]
Artikelnummer	CRM-NATE-0518
Hersteller Artikelnummer	NATE-0518
Alternativnummer	CRM-NATE-0518-10
Hersteller	Creative BioMart
Kategorie	Biochemikalien
Produktbeschreibung	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-...
Konzentration	>1.2 u/mg
CAS Nummer	[9068-54-6]
Anwendungsbeschreibung	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.