

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Native Rabbit Phosphorylase b, CAS [[9012-69-5]]
CRM-NATE-0563

Article Name	Native Rabbit Phosphorylase b, CAS [[9012-69-5]]
Biozol Catalog Number	CRM-NATE-0563
Supplier Catalog Number	NATE-0563
Alternative Catalog Number	CRM-NATE-0563-50
Manufacturer	Creative BioMart
Category	Biochemikalien
Product Description	Phosphorylase b is a non-active form and is present in resting muscle. Phosphorylase b kinase activity increases significantly when the Mg ²⁺ :ATP ratio exceeds. The breakdown of ATP during muscle contraction is thought to trigger in vivo conversion of...
Concentration	60 U/mg protein
CAS Number	[9012-69-5]
Application Notes	Phosphorylase b is used to study the conversion mechanism of inactive phosphorylase b to active phosphorylase in muscle. Phosphorylase b is used to study which factors influence the conversion of phosphorylase b to phosphorylase a such as temperature, AMP, fluoride and detergents. It is used to study phosphorylase b deficiency mutations. The enzyme from Creative Enzymes has been used in the calibration of Sepharose C1-6B columns while studying the molecular weight of methylamine dehydrogenase subunits. It has been used in ion mobility-mass spectrometry studies of phosphorylase B ions that have been generated with supercharging reagents, in charge-reducing buffer. It has also been used for the preparation of p32 labeled phosphorylase A using phosphorylase kinase and [32P]ATP.