

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

Product Datasheet

Native Porcine Carboxypeptidase B, CAS [[9025-24-5]] CRM-NATE-0152

Article Name	Native Porcine Carboxypeptidase B, CAS [[9025-24-5]]
Biozol Catalog Number	CRM-NATE-0152
Supplier Catalog Number	NATE-0152
Alternative Catalog Number	CRM-NATE-0152-20
Manufacturer	Creative BioMart
Category	Biochemikalien
Product Description	Carboxypeptidase B (or peptidyl-L-lysine (-L-arginine) hydrolase) catalyzes the hydrolysis of the basic amino acids, lysine, arginine, and ornithine from the C-terminal position of polypeptides. It has been shown to be a single polypeptide of 34 kDa ...
Concentration	~50 units per mg protein
CAS Number	[9025-24-5]
Application Notes	Carboxypeptidase B has been used in a study to develop a non-invasive pregnancy assay for use in both captive and wild polar bears. Carboxypeptidase B has been used in a study that identified new potential biomarkers of acute pancreatitis. The enzyme from Creative Enzymes has been used to develop homogeneous time-resolved fluorescence (HTRF) assay for measuring carboxypeptidase B activity in a miniaturized high-throughput screening format. It has been used to evaluate the impact of the C-terminal lysine (s) in human plasminogen binding to Bifidobacterium. The effect of treatment with carboxypeptidase B, which is a C-terminal lysine-specific endopeptidase, is measured using flow cytometry analysis.