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## Product Datasheet

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

Artikelname	Native Porcine Carboxypeptidase B, CAS [[9025-24-5]]
Artikelnummer	CRM-NATE-0152
Hersteller Artikelnummer	NATE-0152
Alternativnummer	CRM-NATE-0152-20
Hersteller	Creative BioMart
Kategorie	Biochemikalien
Produktbeschreibung	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 ...
Konzentration	~50 units per mg protein
CAS Nummer	[9025-24-5]
Anwendungsbeschreibung	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.