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## Product Datasheet

### Trypsin from Porcine, Recombinant, CAS [[9002-7-7]] CRM-NATE-1148

Article Name	Trypsin from Porcine, Recombinant, CAS [[9002-7-7]]
Biozol Catalog Number	CRM-NATE-1148
Supplier Catalog Number	NATE-1148
Alternative Catalog Number	CRM-NATE-1148-10
Manufacturer	Creative BioMart
Category	Biochemikalien
Product Description	Trypsin (EC 3.4.21.4) is a serine protease from the PA clan superfamily, found in the digestive system of many vertebrates, where it hydrolyses proteins. Trypsin is produced in the pancreas as the inactive protease trypsinogen. Trypsin cleaves peptid...
Concentration	120 Units/mg protein
CAS Number	[9002-7-7]
Application Notes	Trypsin can be used to re-suspend cells adherent to the cell culture dish wall during the process of harvesting cells. Trypsin can also be used to dissociate dissected cells (for example, prior to cell fixing and sorting). Trypsin is commonly used in biological research during proteomics experiments to digest proteins into peptides for mass spectrometry analysis, e.g. in-gel digestion. Trypsin is particularly suited for this, since it has a very well defined specificity, as it hydrolyzes only the peptide bonds in which the carbonyl group is contributed either by an Arg or Lys residue. Trypsin can also be used to dissolve bloodclots in its microbial form and treat inflammation in its pancreatic form. During the industrial production of insulin, trypsin is necessary.