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Product Datasheet

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

Artikelname	Trypsin from Porcine, Recombinant, CAS [[9002-7-7]]
Artikelnummer	CRM-NATE-1148
Hersteller Artikelnummer	NATE-1148
Alternativnummer	CRM-NATE-1148-10
Hersteller	Creative BioMart
Kategorie	Biochemikalien
Produktbeschreibung	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...
Konzentration	120 Units/mg protein
CAS Nummer	[9002-7-7]
Anwendungsbeschreibung	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, asit 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.