

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

## Product Datasheet

### **Native Bacillus licheniformis Protease: 7-15 Units/mg, lyophilized powder, CAS [[9001-92-7]] CRM-NATE-0633**

Article Name	Native Bacillus licheniformis Protease: 7-15 Units/mg, lyophilized powder, CAS [[9001-92-7]]
Biozol Catalog Number	CRM-NATE-0633
Supplier Catalog Number	NATE-0633
Alternative Catalog Number	CRM-NATE-0633-250,CRM-NATE-0633-100,CRM-NATE-0633-1
Manufacturer	Creative BioMart
Category	Biochemikalien
Product Description	Protease catabolizes proteins by hydrolysis of peptide bonds. Proteases are inactivated by serine active-site inhibitors, such as phenylmethylsulfonyl fluoride (PMSF) and diisopropylfluorophosphate. Protease is a serine endoproteinase with a broad sp...
Concentration	7-15 Units/mg
CAS Number	[9001-92-7]
Application Notes	The product has been used with other enzymes for in situ proteolysis to produce crystals suitable for structure determination. It has also been used in the process of isolation of subsarcolemmal (SS) and intermyofibrillar (IMF) mitochondria that can be used for functional in vitro studies. This is a proteolytic enzyme isolated from the fermentation of Bacillus licheniformis. It is a serine endoproteinase with a broad specificity towards native and denatured proteins, and is active under alkaline conditions.