Creative Enzymes®

Native Mouse Endoproteinase Arg-C

Cat. No. NATE-0218

Lot. No. (See product label)

Introduction

Description	An Endoglycosidase is an enzyme that releases oligosaccharides from glycoproteins or glycolipids. It may also cleave polysaccharide chains between residues that are not the terminal residue, although releasing oligosaccharides from conjugated protein and lipid molecules is more common. It breaks the glycosidic bonds between two sugar monomer in the polymer. It is different from exoglycosidase that it does not do so at the terminal residue. Hence, it is used to release long carbohydrates from conjugated molecules. If an exoglycosidase were used, every monomer in the polymer would have to be removed, one by one from the chain, taking a long time. An endoglycosidase cleaves, giving a polymeric product.
Synonyms	EC 3.4.21.35; glandular kallikrein; pancreatic kallikrein; submandibular kallikrein; submaxillary kallikrein; kidney kallikrein; urinary kallikrein; kallikrein; salivary kallikrein; kininogenin; kininogenase; callicrein; glumorin; padreatin; padutin; kallidinogenase; bradykininogenase; depot-padutin; urokallikrein; dilminal D; onokrein P; 82047-85-6

Product Information

Species	Mouse
Source	Mouse submaxillary gland
Form	lyophilized powder
EC Number	EC 3.4.21.35
CAS No.	82047-85-6
Unit Definition	One unit will hydrolyze 1.0 μmole of Nα-p-tosyl-L-arginine methyl ester per min at pH 8.0 at 25°C.

Usage and Packaging

Package	vial of 5 μg

Storage and Shipping Information

Storage	−20°C