

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; diliminal 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 μ mole of N α -p-tosyl-L-arginine methyl ester per min at pH 8.0 at 25°C.

Usage and Packaging

Package vial of 5 μ g

Storage and Shipping Information

Storage -20°C