

cyanophycinase

Cat. No. EXWM-4056

Lot. No. (See product label)

Introduction

Description

The enzyme is highly specific for the branched polypeptide cyanophycin and does not hydrolyse poly-L-aspartate or poly-L-arginine. A serine-type exopeptidase that belongs in peptidase family S51.

Synonyms

cyanophycin degrading enzyme; β -Asp-Arg hydrolysing enzyme; CGPase; CphB; CphE; cyanophycin granule polypeptidase; extracellular CGPase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.4.15.6

CAS No.

131554-16-0

Reaction

$[L\text{-Asp}(4\text{-L-Arg})]_n + H_2O = [L\text{-Asp}(4\text{-L-Arg})]_{n-1} + L\text{-Asp}(4\text{-L-Arg})$

Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.