Creative Enzymes®

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-Asp(4-L-Arg)]n + H2O = [L-Asp(4-L-Arg)]n-1 + L-Asp(4-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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.