Creative Enzymes®

rhamnulokinase

Cat. No. EXWM-3080

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of transferases, specifically those transferring phosphorus-containing groups (phosphotransferases) with an alcohol group as acceptor. The systematic name of this enzyme class is ATP:L-rhamnulose 1-phosphotransferase. Other names in common use include RhuK, rhamnulokinase (phosphorylating), L-rhamnulokinase, L-rhamnulose kinase, and rhamnulose kinase. This enzyme participates in pentose and glucuronate interconversions and fructose and mannose metabolism.
Synonyms	RhuK; rhamnulokinase (phosphorylating); L-rhamnulokinase; L-rhamnulose kinase; rhamnulose kinase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.1.5
CAS No.	9030-52-8
Reaction	ATP + L-rhamnulose = ADP + L-rhamnulose 1-phosphate
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 ℃.