Creative Enzymes®

cyclic GMP-AMP synthase

Cat. No. EXWM-3299

Lot. No. (See product label)

Introduction

Description	Cyclic Gp(2'-5')Ap(3'-5') is a signalling molecule in mammalian cells that triggers the production of type I interferons and other cytokines.
Synonyms	cGAMP synthase; cGAS

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.7.86
Reaction	ATP + GTP = 2 diphosphate + cyclic Gp(2'-5')Ap(3'-5') (overall reaction); (1a) ATP + GTP = pppGp(2'-5')A + diphosphate; (1b) pppGp(2'-5')A = cyclic Gp(2'-5')Ap(3'-5') + diphosphate
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 ℃.