Creative Enzymes®

G-protein-coupled receptor kinase

Cat. No. EXWM-3135

Lot. No. (See product label)

Introduction

Description	Requires G-protein for activation and therefore belongs to the family of G-protein-dependent receptor kinases (GRKs). All members of this enzyme subfamily possess a highly conserved binding site for 1-phosphatidylinositol 4,5-bisphosphate. (cf. EC 2.7.11.14, rhodopsin kinase and EC 2.7.11.15, β-adrenergic-receptor kinase).
Synonyms	G protein-coupled receptor kinase; GPCR kinase; GPCRK; GRK4; GRK5; GRK6; STK16

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.11.16
Reaction	ATP + [G-protein-coupled receptor] = ADP + [G-protein-coupled receptor] 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 ℃.