

## 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,  $\beta$ -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 °C for short term. For long term storage, store it at -20 °C~-80 °C.