Creative Enzymes®

receptor protein serine/threonine kinase

Cat. No. EXWM-3151

Lot. No. (See product label)

Introduction

Description	The transforming growth factor β (TGF-β) family of cytokines regulates cell proliferation, differentiation, recognition and death. Signalling occurs by the binding of ligand to the type II receptor, which is the constitutively active kinase. Bound TGF-β is then recognized by receptor I, which is phosphorylated and can propagate the signal to downstream substrates.
Synonyms	activin receptor kinase; receptor type I serine/threonine protein kinase; receptor type II serine/threonine protein kinase; STK13; TGF-β kinase; receptor serine/threonine protein kinase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.11.30
Reaction	ATP + [receptor-protein] = ADP + [receptor-protein] 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 ℃.