

## receptor protein serine/threonine kinase

Cat. No. EXWM-3151

Lot. No. (See product label)

### Introduction

#### Description

The transforming growth factor  $\beta$  (TGF- $\beta$ ) 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- $\beta$  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- $\beta$  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 °C for short term. For long term storage, store it at -20 °C~-80 °C.