

## [Wnt protein] O-palmitoleyl transferase

Cat. No. EXWM-2200

Lot. No. (See product label)

### Introduction

#### Description

The enzyme, found in animals, modifies a specific serine residue in Wnt proteins, e.g. Ser209 in human Wnt3a and Ser224 in chicken WNT1. The enzyme can accept C13 to C16 fatty acids in vitro, but only (9Z)-hexadecenoate modification is observed in vivo. cf. EC 3.1.1.98, [Wnt protein]-O-palmitoleyl-L-serine hydrolase.

#### Synonyms

porcupine; PORCN (gene name)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.3.1.250

#### Reaction

(9Z)-hexadec-9-enoyl-CoA + [Wnt]-L-serine = CoA + [Wnt]-O-(9Z)-hexadec-9-enoyl-L-serine

#### 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.