

## Glycogen Synthase Kinase 3 $\beta$ , Histidine-tagged, from rabbit, Recombinant

Cat. No. NATE-0324

Lot. No. (See product label)

### Introduction

**Description** Glycogen synthase kinase-3 is a serine-threonine protein kinase involved in regulation of metabolic enzymes such as glycogen synthase and ATP-Citrate lyase, and of protein phosphatase-1. It also phosphorylates brain tau-proteins, inducing an Alzheimer-like state, and protooncogene transcription factors. GSK-3 $\beta$  is one of two isozymes.

**Synonyms** Glycogen Synthase Kinase 3 $\beta$ ; GSK-3 $\beta$ ; GSK3B; 9059-09-0

### Product Information

**Species** Rabbit

**Source** E. coli

**CAS No.** 9059-09-0

**Purity** > 90% (SDS-PAGE)

**Unit Definition** One unit will transfer one pmole of phosphate from ATP to phosphatase inhibitor 2 per min at pH 7.5 at 30°C.

### Storage and Shipping Information

**Stability** -20°C