

Glycogen Synthase Kinase 3 β , 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 β is one of two isozymes.

Synonyms

Glycogen Synthase Kinase 3 β ; GSK-3 β ; 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