

GSK3 beta, Active

Catalog No: G09-10H

GSK3 beta also known as Glycogen synthase kinase-3 beta is a serine/threonine protein kinase originally identified as the kinase that phosphorylates and inhibits glycogen synthase. GSK3 is one of the busiest kinases, that phosphorylates over 100 substrates, implicated in the regulation of several physiological processes, including the control of glycogen and protein synthesis by insulin, modulation of the transcription factors AP-1 and CREB, and hyperphosphorylation of tau protein. SignalChem's recombinant full-length human GSK3beta was expressed by baculovirus in Sf9 insect cells using an N-terminal His tag.

Unique Selling Points



Activity determined
using two assays



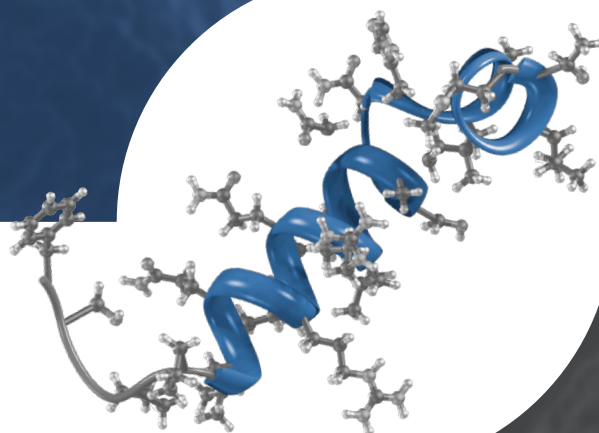
QC/QA tested
for superior quality



Suitable for Kinase
profiling studies



Highly active kinase



Competitors

NOVUS
BIOLOGICALS
a biotechne® brand

ACTIVE MOTIF®

R&D SYSTEMS
a biotechne® brand

Target Customers



Biopharma researching
the enzyme



Biotech developing
Anti-GSK3 antibodies



University departments
studying GSK3b



Companies developing
GSK3 drugs



Government research
organizations