SignalChem

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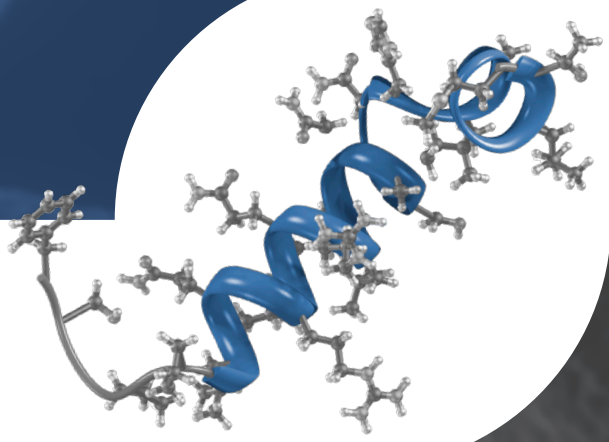
GLK, Active

Catalog No: M25-11G

Germinal center Kinase-like kinase GLK (also named MAP4K3) is a serine/threonine kinase and is member of the Ste20-like kinase family. With a N-terminal catalytic domain and C-terminal regulatory domain, GLK has been identified as an upstream activator of the MAPK JNK signaling pathway. GLK directly activates PKCθ through phosphorylating Ser-538 residue, which leads to activation of IKK/NF- κB signaling. Also, GLK directly phosphorylates IQGAP1, which leads to Cdc42 mediated cancer metastasis and tumorigenesis. GLK is an important target against autoimmune diseases, cancer metastasis and recurrence. SignalChem's Recombinant human GLK (1-380) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.

Unique Selling Points

- Suitable for compound profiling studies
- Average Specific activity 95 nmol/min/mg
- Purity Determined by densitometry
- Highly active kinase



Competitors

abcam

ThermoFisher SCIENTIFIC

BETA LIFESCIENCE

Target Customers

- Biotech companies researching GLK
- Biopharma developing Anti-GLK therapies
- Government research organizations
- Scientists testing GLK inhibitors
- University researchers studying GLK functions