

## [Ala9,10, Lys11,12] Glycogen Synthase (1-12)

Cat. No.:	HY-P3741
CAS No.:	105802-84-4
Molecular Formula:	C <sub>56</sub> H <sub>103</sub> N <sub>17</sub> O <sub>16</sub>
Molecular Weight:	1270.52
Sequence Shortening:	PLSRTLVSAAKK
Target:	PKC
Pathway:	Epigenetics; TGF-beta/Smad
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

<b>Description</b>	[Ala9,10, Lys11,12] Glycogen Synthase (1-12) is a selective substrate for phosphorylation by protein kinase C (PKC). [Ala9,10, Lys11,12] Glycogen Synthase (1-12) can be used to determine the activity of protein kinase C <sup>[1]</sup> .
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### REFERENCES

[1]. Alexander DR, et, al. A method for measuring protein kinase C activity in permeabilized T lymphocytes by using peptide substrates. Evidence for multiple pathways of kinase activation. Biochem J. 1990 Jun 1;268(2):303-8.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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