

Presenilin 1 (349-361)

Cat. No.:	HY-P3713
CAS No.:	956004-39-0
Molecular Formula:	C ₉₆ H ₉₃ N ₂₁ O ₁₉
Molecular Weight:	1364.47
Sequence Shortening:	GPHRSTPESRAAV
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Presenilin 1 (349-361) is an active peptide, and synthetic peptides representing amino acids 349–361 can be phosphorylated by glycogen synthase kinase-3β(GSK3β) in vitro. Presenilin 1 (349-361) can be used for the research of various diseases ^[1] .
In Vitro	Presenilin 1 (349-361) reduces the interaction with beta-catenin leading to decreased phosphorylation and ubiquitination of beta-catenin when structural change, thereby increases its nuclear signaling and the transcription of target genes, including c-MYC ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Kai Prager, et al. A structural switch of presenilin 1 by glycogen synthase kinase 3beta-mediated phosphorylation regulates the interaction with beta-catenin and its nuclear signaling. J Biol Chem. 2007 May 11;282(19):14083-93.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA