

β Amyloid(28-35) human

Cat. No.:	HY-P10035
CAS No.:	182945-56-8
Molecular Formula:	C ₃₆ H ₆₇ N ₉ O ₉ S
Molecular Weight:	802.04
Sequence:	Lys-Gly-Ala-Ile-Ile-Gly-Leu-Met
Sequence Shortening:	KGAIIGLM
Target:	Amyloid-β
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

β Amyloid(28-35) human is a β-amyloid peptide (Abeta), a lipid-induced amyloid core fragment. β Amyloid oligomers are neurotoxic, and β Amyloid(28-35) human can interact with neuronal membranes, regulate secondary structure and neurotoxicity, and cause Alzheimer's disease. β Amyloid(28-35) human has anisotropic effects on the acidic phospholipid DPH, resulting in enhanced internal fluidity of lipid membrane bilayers^[1].

REFERENCES

[1]. Nagarajan S, et al. Lipid-induced conformational transition of the amyloid core fragment Abeta(28-35) and its A30G and A30I mutants. FEBS J. 2008 May;275(10):2415-27.

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

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