

β-Amyloid (1-37) (human)

Cat. No.:	HY-P2283
CAS No.:	186359-67-1
Molecular Formula:	C ₁₈₂ H ₂₇₄ N ₅₀ O ₅₅ S
Molecular Weight:	4074.53
Sequence:	Asp-Ala-Glu-Phe-Arg-His-Asp-Ser-Gly-Tyr-Glu-Val-His-His-Gln-Lys-Leu-Val-Phe-Phe-Ala-Glu-Asp-Val-Gly-Ser-Asn-Lys-Gly-Ala-Ile-Ile-Gly-Leu-Met-Val-Gly
Sequence Shortening:	DAEFRHDSGYEVHHQKLVFFAEDVGSNKGAIIGLMVGG
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 (1-37) (human) correlates moderately with Mini-Mental State Examination (MMSE) scores in Alzheimer disease. β-Amyloid (1-37) (human) possesses an added diagnostic value ^[1] .
In Vitro	Aβ ₁₋₄₂ /Aβ ₁₋₄₀ as well as Aβ ₁₋₄₂ /Aβ ₁₋₃₇ significantly increases the performance of Aβ ₁₋₄₂ alone to discriminate MCI and controls ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Hanne Struyfs, et al. Diagnostic Accuracy of Cerebrospinal Fluid Amyloid-β Isoforms for Early and Differential Dementia Diagnosis. J Alzheimers Dis. 2015;45(3):813-22.

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

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