

β-Amyloid (1-43)(human)

Cat. No.:	HY-P1378
CAS No.:	134500-80-4
Molecular Formula:	C ₂₀₇ H ₃₁₈ N ₅₆ O ₆₂ S
Molecular Weight:	4615.19
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-Gly-Val-Val-Ile-Ala-Thr
Sequence Shortening:	DAEFRHDSGYEVHHQKLVFFAEDVGSNKGAIIGLMVGGVIAT
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 (1-43)(human) is more prone to aggregation and has higher toxic properties than the long-known Aβ₁₋₄₂. β-Amyloid (1-43)(human) shows a correlation with both sAPPα and sAPPβ. β-Amyloid (1-43)(human) could be considered an added Alzheimer's disease (AD) biomarker together with the others already in use^[1].

REFERENCES

[1]. Müller WE, et al., Effects of beta-amyloid peptides on the fluidity of membranes from frontal and parietal lobes of human brain. High potencies of A beta 1-42 and A beta 1-43. *Amyloid*. 1998;5(1):10-15.

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

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