

(Gln22)-Amyloid β -Protein (1-42)

Cat. No.:	HY-P4585
CAS No.:	147335-12-4
Molecular Formula:	C ₂₀₃ H ₃₁₂ N ₅₆ O ₅₉ S
Molecular Weight:	4513.05
Sequence:	Asp-Ala-Glu-Phe-Arg-His-Asp-Ser-Gly-Tyr-Glu-Val-His-His-Gln-Lys-Leu-Val-Phe-Phe-Ala-Gln-Asp-Val-Gly-Ser-Asn-Lys-Gly-Ala-Ile-Ile-Gly-Leu-Met-Val-Gly-Gly-Val-Val-Ile-Ala
Sequence Shortening:	DAEFRHDSGYEVHHQKLVFFAQQDVGSNKGAIIGLMVGGVVIA
Target:	Amyloid- β
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	(Gln22)-Amyloid β -Protein (1-42) is a Dutch mutation (E22Q) form of β -Amyloid (1-42) (HY-P1363). (Gln22)-Amyloid β -Protein (1-42) exhibits enhanced fibrillogenic and pathogenic properties ^[1] .
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REFERENCES

[1]. Davis J, et al. Early-onset and robust cerebral microvascular accumulation of amyloid beta-protein in transgenic mice expressing low levels of a vasculotropic Dutch/Iowa mutant form of amyloid beta-protein precursor. J Biol Chem. 2004 May 7;279(19):20296-306.

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

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