

α -Synuclein (45-54) (human)

Cat. No.:	HY-P5044
CAS No.:	2243206-98-4
Molecular Formula:	C ₄₃ H ₇₃ N ₁₃ O ₁₄
Molecular Weight:	996.12
Sequence:	Lys-Glu-Gly-Val-Val-His-Gly-Val-Ala-Thr
Sequence Shortening:	KEGVHGVAT
Target:	α -synuclein
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

α -Synuclein (45-54) (human) is the 45-54 fragment of α -Synuclein. α -Synuclein is an abundant neuronal protein that is highly abundant in presynaptic nerve terminals. α -Synuclein is a biomarker for Parkinson's disease (PD)^[1].

REFERENCES

[1]. Cheruvara H, et al. Intracellular screening of a peptide library to derive a potent peptide inhibitor of α -synuclein aggregation. J Biol Chem. 2015 Mar 20;290(12):7426-35.

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

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