

β-amyloid (1-16)**Cat. No.:** RP20103**Size:** 0.5 mg**Description:**

Proteins interactions with reactive oxygen agents may result in covalent modifications of amino acid residues in proteins, formation of protein-protein cross-linkages and oxidation of the protein backbone resulting in protein fragmentation. Oxidation targets for Beta-amyloid (1-16) are the histidine residues coordinated to the metal ions. Copper is bound to Aβ in senile plaque of Alzheimer's disease with Beta-amyloid (1-16) taking part in the coordination of the Cu²⁺ ions. Cu²⁺ and Zn²⁺ are linked with the neurotoxicity of Aβ and free radical damage.

Sequence (one-letter code):

DAEFRHDSGYEVHHQK

Sequence (three-letter code):

{Asp}{Ala}{Glu}{Phe}{Arg}{His}{Asp}{Ser}{Gly}{Tyr}{Glu}{Val}{His}{His}{Gln}{Lys}

Formula: C₈₄H₁₁₉N₂₇O₂₈**Molecular Weight:** 1,955.02**Purity:** 95%**Storage:**

Store GenScript β-amyloid (1-16) at -20°C.

Note:

*For Non-Clinical Research Use Only *

