

Product Data Sheet

Biotin-[Pyr3]-Beta-Amyloid-Protein (3-42)

Catalog #	Source	Reactivity	Applications
CCP3061	Synthetic		
Description	Peptide to Biotin-[Pyr3]-Beta-Amyloid-Protein (3-42)		
Biological Description	[Pyr3]-Beta-Amyloid-Protein (3-42) was found to be the predominant amyloid β -peptide structure deposited in human brain of Alzheimer's disease and Down's syndrome patients. Therefore, [Pyr3]-Beta-Amyloid-Protein (3-42) is suggested to accumulate in the brain and to trigger the formation of insoluble amyloid β -peptide deposits. Nussbaum et al. studies the Prion-like behaviour and tau-dependent cytotoxicity of the truncated A β sequence.		
Form	Lyophilized powder		
CAS Number			
Molecular Formula			
Molecular Weight			
Purity	> 95%		
Chemical Structure	Biotin- Pyr - 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		
Storage/Stability	Shipped at 4°C. Store at -20°C for one year.		
Structure			

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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