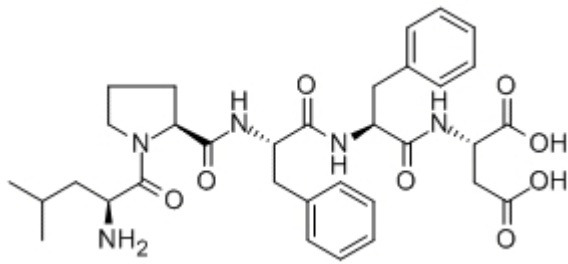


## [Pro18, Asp21]-Beta-Amyloid (17-21)

Catalog #	Source	Reactivity	Applications
CCP1563	Synthetic		
<b>Description</b>	Peptide to [Pro18, Asp21]-Beta-Amyloid (17-21)		
<b>Biological Description</b>	The pentapeptide LPFFD (iA $\beta$ 5), a highly efficient $\beta$ -sheet breaker, inhibited amyloid formation in vitro, prevented amyloid neurotoxicity in cell culture, reduced in vivo cerebral A $\beta$ deposition and completely blocked amyloid fibril formation in rat brain.		
<b>Form</b>	Lyophilized powder		
<b>CAS Number</b>	182912-74-9		
<b>Molecular Formula</b>	C33H43N5O8		
<b>Molecular Weight</b>	637.74		
<b>Purity</b>	> 95%		
<b>Chemical Structure</b>	Leu - Pro - Phe - Phe - Asp		
<b>Storage/Stability</b>	Shipped at 4°C. Store at -20°C for one year.		
<b>Structure</b>			

**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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