

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

Catalog #	Source	Reactivity	Applications
CCP1576	Synthetic		
Description	Peptide to Ac-[Pro18, Asp21]-Beta-Amyloid (17-21) amide		
Biological Description	<p>The pentapeptide Ac-LPFFD-NH₂ (iAβ5p) is an analog of product [Pro18, Asp21]-Beta-Amyloid (17-21) with small chemical modifications which enhance its stability against proteolytic degradation. iAβ5p acts as a β-sheet breaker peptide and crosses the blood-brain barrier at a higher rate than most proteins and peptides known to be selectively taken up by the brain so that it is assumed that the peptide is being specifically transported to the brain. A significant increase in neuronal survival and decrease in brain inflammation associated with the reduction of amyloid plaques in two different transgenic Alzheimer`s disease (AD) models is additionally reported for iAβ5p.</p>		
Form	Lyophilized powder		
CAS Number	339990-02-2		
Molecular Formula	C ₃₅ H ₄₆ N ₆ O ₈		
Molecular Weight	678.79		
Purity	> 95%		
Chemical Structure	Ac - Leu - Pro - Phe - Phe - Asp - NH ₂		
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

COHESION BIOSCIENCES LIMITED

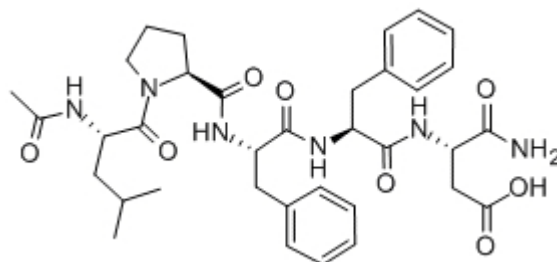
WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com

Product Data Sheet



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

COHESION BIOSCIENCES LIMITED

WEB

www.cohesionbio.com

ORDER

order@cohesionbio.com

SUPPORT

techsupport@cohesionbio.com

CUSTOM

custom@cohesionbio.com