DATASHEET

Human beta Amyloid 1-42 peptide

CAT. NO. AXP6611

KEY FEATURES

Target	APP	Expression Systems	Synthesized
Species	Human	Tag	
Modification	unmodified	Storage	-20°C

BACKGROUND

Beta amyloid is a 40-43 amino acid peptide cleaved from amyloid precursor protein by a protease, gamma-secretase. Beta Amyloid (1-40) (Amyloid beta 40 or Abeta 40) together with beta Amyloid (1-42) (Amyloid beta 42 or Abeta 42) are two major C-terminal variants of the amyloid beta protein, constituting the majority of amyloid beta proteins. Both the Amyloid beta 40 and Amyloid beta 42 alloforms are major components of the extracellular plaques found in Alzheimer's disease brain tissue. This supplementary information is collated from multiple sources and compiled automatically.

OVERVIEW

Product name	Human beta Amyloid 1-42 peptide
Protein name	Amyloid-beta precursor protein
Molecular Weight	4.5 KDa
Modification	unmodified
Usage	This product is validated for use as an immunogen and as a reagent in immunological assays
Form/Buffer	Liquid; The peptide was dissolved in DMSO
Organism	Homo sapiens (Human)
Alternative Names	Amyloid-beta A4 protein; Cerebral vascular amyloid peptide; Protease nexin-II
Gene Symbol	APP
Entrez Gene	351
SwissProt	P05067

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STORAGE

Shipped on dry ice.

Avoid repeated freeze-thaw cycles. Upon receipt,

* 2 days when stored at 2 to 8 °C

* 12 months when aliquoted and stored at -20 °C or below

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com