DATASHEET

# Human beta Amyloid 1-42 polypeptide

CAT. NO. AXP6619

## 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 polypeptide |
| 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 | Lyophilized powder |
| 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 at ambient temperature or with ice packs.

Upon receipt,

* Lyophilized form: 12 months when stored at -20 °C or below, protected from light and moisture.

* After reconstitution:aliquot to avoid repeated freeze-thaw cycles:

- 2 days when stored at 2 to 8 °C.
- 3 months when 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