

## β-Amyloid (42-1), human TFA

**Cat. No.:** HY-P1362A  
**Sequence Shortening:** AIVVGGVMLGIIAGKNSGVDEAFFVLKQHHVEYGS DHRFEAD  
**Target:** Amyloid-β  
**Pathway:** Neuronal Signaling  
**Storage:** Sealed storage, away from moisture  
Powder -80°C 2 years  
-20°C 1 year

AIVVGGVMLGIIAGKNSGVDEAFFVLKQHHVEYGS DHRFEAD (TFA salt)

\* The compound is unstable in solutions, freshly prepared is recommended.

### SOLVENT & SOLUBILITY

**In Vitro** H<sub>2</sub>O : 100 mg/mL (Need ultrasonic)

### BIOLOGICAL ACTIVITY

**Description** β-Amyloid (42-1), human TFA is the inactive form of Amyloid β Peptide (1-42). β-Amyloid (42-1), human TFA is a 42-amino acid peptide which plays a key role in the pathogenesis of Alzheimer disease<sup>[1]</sup>.

### REFERENCES

[1]. Schilling T, et al. Amyloid-β-induced reactive oxygen species production and priming are differentially regulated by ion channels in microglia. J Cell Physiol. 2011 Dec;226(12):3295-302.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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