

Tau Peptide (306 - 336) (Repeat 3 domain) VQIVYKPVDLSKVTSKCGSLGNIHHKPGGGQ

Product Code: 3392-0100

Innopep Peptide Product

Price: \$62.00

Short Description

VQIVYKPVDLSKVTSKCGSLGNIHHKPGGGQ

Description

Overview

Description

TAU proteins belong to the microtubule-associated protein (MAP) family and are involved in the pathogenesis of Alzheimer's disease. In the human brain, there are six TAU isoforms ranging from 352 to 441 amino acids in length. These isoforms vary at the carboxyl terminal according to the presence of either three repeat (3R) or four repeat (R4) domains, in addition to the presence or absence of one or two insert domains at the amino-terminus (see figure below). Tau Peptide (306-336) is a 31-amino acid long peptide derived from the Repeat 3 domain. RELATED PRODUCTS: Tau Peptide (45-73) (Exon 2/Insert 1 domain) Tau Peptide (74-102) (Exon 3/Insert 2 domain) Tau Peptide (244-274) (Repeat 1 domain) Tau Peptide (275-305) (Repeat 2 domain) Tau Peptide (337-368) (Repeat 4 domain)

Sequence

Sequence (3 Letter)

VQIVYKPVDLSKVTSKCGSLGNIHHKPGGGQ

Val - Gln - Ile - Val - Tyr - Lys - Pro - Val - Asp - Leu - Ser - Lys - Val - Thr - Ser - Lys - Cys - Gly - Ser - Leu -

Gly - Asn - Ile - His - His - Lys - Pro - Gly - Gly - Gly - Gln
- OH

Molecular Weight
Properties

3248

Purity

% Peak Area By HPLC ? 95%

Storage

-20 °C

References

Buee, L. et al. *Brain Res Rev* **33** 95 (2000).

Trinczek, B. et al. *Mol Biol Cell* **6**, 1887 (1995).