Innopep, Inc. - 10239 Flanders Court, Ste 101
San Diego, CA 92121
Phone: 858 800 3101 - Email: sales@innopep.com

Tau Peptide (244 - 274) (Repeat 1 domain) Ac - QTAPVPMPDLKNVKSKIGSTENLKHQPGGGK

Product Code: 3049-0100

Price: $62.00

Short Description
Ac-QTAPVPMPDLKNVKSKIGSTENLKHQPGGGK

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 or four repeat domains (R1-R4), in addition to the presence or absence of one or two insert domains at the amino-terminus (see figure below). Tau Peptide (244-274) is a 31-amino acid long peptide derived from the Repeat 1 domain. RELATED PRODUCTS:Tau Peptide (45-73) (Exon 2/Insert 1 domain)Tau Peptide (74-102) (Exon 3/Insert 2 domain)Tau Peptide (275-305) (Repeat 2 domain)Tau Peptide (306-336) (Repeat 3 domain)Tau Peptide (337-368) (Repeat 4 domain)
Sequence	Ac-QTAPVPMPDLKNVKSKIGSTENLKHQPGGGK
Sequence (3 Letter)	Ac - Gln - Thr - Ala - Pro - Val - Pro - Met - Pro - Asp -

	Leu - Lys - Asn - Val - Lys - Ser - Lys - Ile - Gly - Ser - Thr - Glu - Asn - Leu - Lys - His - Gln - Pro - Gly - Gly - Gly - Lys - OH
Molecular Weight	3299.83
Properties	
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).