10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

Orexin B, canine
Synthetic Peptide
Catalog # SP3039b

Specification

Orexin B, canine - Product Information

Primary Accession	Q9GLF6
Sequence	**NH2-RPGPPGLQGRLQRLLQASGNHAAGILTM-CONH2**

Orexin B, canine - Additional Information

Gene ID 607641

Other Names
Orexin, Hypocretin, Hcrt, Orexin-A, Hypocretin-1, Hcrt1, Orexin-B, Hypocretin-2, Hcrt2, HCRT, OX, PPOX

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Orexin B, canine - Protein Information

Name HCRT

Synonyms OX, PPOX

Function
Neuropeptides that play a significant role in the regulation of food intake and sleep-wakefulness, possibly by coordinating the complex behavioral and physiologic responses of these complementary homeostatic functions. A broader role in the homeostatic regulation of energy metabolism, autonomic function, hormonal balance and the regulation of body fluids, is also suggested.

Cellular Location
Rough endoplasmic reticulum {ECO:0000250|UniProtKB:O55232}. Cytoplasmic vesicle {ECO:0000250|UniProtKB:O55232}. Synapse {ECO:0000250|UniProtKB:O55232} Note=Associated with perikaryal rough endoplasmic reticulum as well as cytoplasmic large granular vesicles at synapses {ECO:0000250|UniProtKB:O55232}

Orexin B, canine - Images

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