

Orexin B, rat, mouse
Synthetic Peptide
Catalog # SP3038b

Specification

Orexin B, rat, mouse - Product Information

Primary Accession	O55241
Other Accession	O55232
Sequence	NH2-RPGPPGLQGRLQRLQANGNHAAGILTM-CONH2

Orexin B, rat, mouse - Additional Information

Gene ID 15171

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, rat, mouse - 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}

Tissue Location

Restricted to neuronal cell bodies of the dorsal and lateral hypothalamus

Orexin B, rat, mouse - Images