Product Data Sheet

Product Name: Spexin (36-49), amidated, human/mouse/rat
Catalog Number: AS-65569 (1 mg)  Lot Number: See label on vial
Sequence: Asn-Trp-Thr-Pro-Gln-Ala-Met-Leu-Tyr-Leu-Lys-Gly-Ala-Gln-NH2
NWTPQAMLYLKGAGQ-NH2
Molecular Weight: 1620
Peptide Purity: Peak Area by HPLC ≥95%
Storage: This peptide is shipped at ambient temperature. Upon receipt, store lyophilized peptide at –20°C or lower. Reconstituted peptide can be aliquoted and stored at –20°C or lower.
Description: Spexin is a novel peptide hormone that is derived from prohormone proNPQ and is conserved amongst mammalian species. Spexin (36-49) is post-translationally amidated with a C-terminal amidation processing signal motif (GRR) following Q49 residue of the pro-hormone. Spexin reduces adipocyte uptake of long chain fatty acids and causes weight loss in rodents. Recently it was suggested that this peptide may play a role in lipid and glucose metabolism in patients with type-2 diabetes mellitus.

Related Products: Spexin-2 (53-70), amidated Cat# AS-65570
Spexin-2 (53-70), Cat # AS-65586

References:

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