



## Product Data Sheet

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<b>Product Name:</b>	Spexin (36-49), amidated, human/mouse/rat	
<b>Catalog Number:</b>	AS-65569 (1 mg)	Lot Number: See label on vial
<b>Sequence:</b>	Asn-Trp-Thr-Pro-Gln-Ala-Met-Leu-Tyr-Leu-Lys-Gly-Ala-Gln-NH2 NWTPQAMLYLKGAQ-NH2	
<b>Molecular Weight:</b>	1620	
<b>Peptide Purity:</b>	Peak Area by HPLC ≥95%	
<b>Storage:</b>	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.	
<b>Description:</b>	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.	
<b>Related Products:</b>	Spexin-2 (53-70), amidated Cat# AS-65570 Spexin-2 (53-70), Cat # AS-65586	
<b>References:</b>	<ol style="list-style-type: none"><li>1. Gu L. et al. <i>Peptides</i> <b>71</b>, 232-239 (2015).</li><li>2. Toll L. et al. <i>FASEB</i> <b>26</b>, 947-954 (2012).</li><li>3. Walewski JL., et.al., <i>Obesity</i> <b>22 (7)</b>, 1643-1652 (2014)</li></ol>	

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