



## Product Data Sheet

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<b>Product Name:</b>	Spexin-2 (53-70), human/mouse/rat	
<b>Catalog Number:</b>	AS-65586 (1 mg)	Lot Number: See label on vial
<b>Sequence:</b>	Phe-Ile-Ser-Asp-Gln-Ser-Arg-Arg-Lys-Asp-Leu-Ser-Asp-Arg-Pro-Leu-Pro-Glu-OH  FISDQSRRKDLSDRPLPE	
<b>Molecular Weight:</b>	2159.5	
<b>Peptide Purity:</b>	Peak Area by HPLC $\geq$ 95%	
<b>Storage:</b>	This peptide is shipped at ambient temperature. Upon receipt, store lyophilized peptide at $-20^{\circ}\text{C}$ or lower. Reconstituted peptide can be aliquoted and stored at $-20^{\circ}\text{C}$ or lower.	
<b>Description:</b>	This is Spexin-2 (53-70), non-amidated version of the novel peptide hormone that is derived from prohormone proNPQ and is conserved amongst mammalian species. It is a central modulator of cardiovascular and renal function. Spexin-2, when administered to rats, decreases heart rate and increases urine flow rate.	
<b>Related Products:</b>	Spexin (36-49), amidated Cat# AS-65569 Spexin-2 (53-70), amidated Cat# AS-65570	
<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></ol>	

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