



Product Data Sheet

Product Name:	Nesfatin-1 (24-53), human	
Catalog Number:	AS-65571 (0.5 mg)	Lot Number: See label on vial
Sequence:	Pro-Asp-Thr-Gly-Leu-Tyr-Tyr-Asp-Glu-Tyr-Leu-Lys-Gln-Val-Ile-Asp-Val-Leu-Glu-Thr-Asp-Lys-His-Phe-Arg-Glu-Lys-Leu-Gln-Lys-NH2 PDTGLYYDEYLKQVIDVLETDKHFREKLQK-NH2	
Molecular Weight:	3685.3	
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:	Nesfatin-1 was recently identified as an anorexigenic peptide and is derived from Nucleobindin2 protein. Nesfatin-1 reduces body weight gain, food and water intake in rodents. In humans high levels of Nesfatin-1 in plasma are associated with overweight individuals. In addition, Nesfatin-1 has been linked to anxiety and stress.	
References:	<ol style="list-style-type: none">1. Feijóo-Bandín S., et.al., <i>Endocrinology</i> 154 (12), 4757-4767 (2013)2. Vas S., et.al., <i>PLoS</i> 8 (4), 1-10 (2013)3. Ramanjaneya M., et.al., <i>Endocrinology</i> 151 (7), 3169-3180 (2010)	

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