



Product Data Sheet

Product Name:	SHLP6 (Small humanin-like peptide 6)	
Catalog Number:	AS-65591 (1 mg)	Lot Number: See label on vial
Sequence:	NH ₂ -Met-Leu-Asp-Gln-Asp-Ile-Pro-Met-Val-Gln-Pro-Leu-Leu-Lys-Val-Arg-Leu-Phe-Asn-Asp-COOH H-MLDQDIPMVQPLLKVRLEFND-OH	
Molecular Weight:	2385.9	
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:	Recent advances in high-resolution sequencing have led to the discovery of unique peptides derived from mitochondrial genome. ¹⁻² Currently 8 peptides are identified: humanin, mitochondrial open reading frame of the 12S tRNA-c (MOTS-c), and six small humanin-like peptides (SHLP1-6). ¹⁻² All of these peptides are released into cytosol from mitochondria. SHLP6 has been shown to increase apoptosis with potential cancer targeting roles and also may be involved in aging. ¹⁻²	
Related Products:	Humanin, Cat# AS-60886 MOTS-c, Cat# AS-65587 SHLP-1, Cat# AS-65588 SHLP-3, Cat# AS-65589 SHLP-4, Cat# AS-65590	
References:	<ol style="list-style-type: none">1. Cobb L. J. et al., <i>AGING</i> 8 (4), 796-808 (2016).2. Okada A. K. et al., <i>Sci Reports</i> 7 (7802), 1-10 (2017).	

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