



Product Data Sheet

Product Name:	Apelin-36, human	
Catalog Number:	AS-61095 (1 mg)	Lot Number: See label on vial
Sequence:	H-Leu-Val-Gln-Pro-Arg-Gly-Ser-Arg-Asn-Gly-Pro-Gly-Pro-Trp-Gln-Gly-Gly-Arg-Arg-Lys-Phe-Arg-Arg-Gln-Arg-Pro-Arg-Leu-Ser-His-Lys-Gly-Pro-Met-Pro-Phe-OH (3-letter code) LVQPRGSRNGPGPWQGRRKFRRQRPRLSHKGMPMF (1-letter code)	
Molecular Weight:	4195.9	
Peptide Purity:	>95%	
Appearance:	Lyophilized white powder	

Peptide Reconstitution: Apelin-36 peptide is freely soluble in water.

Storage: Apelin-36 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: This 36-amino-acid apelin peptide, predicted to comprise the mature form, specifically inhibits infection of APJ-expressing cells by a diverse group of primary HIV-1 viruses. Ref: Cayabyab, M. et al. *J. Virol.* **74**, 11972 (2000); Reaux-Le Goazigo, A. et al. *Endocrinol.* **145**, 4392 (2004).

Published Citations:

Langelan, DN. et al. *Biochemistry* **48**, 537 (2009).

Related Products:

Name	Cat #	Size
Apelin-16, human, bovine FRRQRPRLSHKGMPMF	AS-63699	1 mg
Apelin 12 RPRLSHKGMPMF	AS-60836	1 mg
[Pyr1]-Apelin-13 Pyr-RPRLSHKGMPMF-OH	AS-60833	1 mg
[Ala13]-Apelin-13 QRPRLSHKGMPMA	AS-61078	1 mg

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