

Alpha-Defensin-1 Active Peptide

Alpha-Defensin-1

CATALOG #
AAA60583

PRODUCT SYNONYMS

Alpha-Defensin-1; Alpha-Defensin-1 active peptide

PRODUCT SPECIFICATIONS

Form/Format	White amorphous powder
Compound	?-Defensin-1 (Human) Ala-Cys-Tyr-Cys-Arg-Ile-Pro-Ala-Cys-Ile-Ala-Gly-Glu-Arg-Arg-Tyr-Gly-Thr-Cys-Ile-Tyr-Gln-Gly-Arg-Leu-Trp-Ala-Phe-Cys-Cys
Disulfide Bonds	2-30, 4-19, and 9-29
Formula	$C_{150}H_{222}N_{44}O_{38}S_6$
Specific Optical Rotation	[α] 20D -107.7° (c* 0.09, 1% AcOH) *c value was calculated from the net peptide weight.
Elemental Analysis	Found C, 47.91; H, 6.74; N, 15.29 %
Amino Acids Analysis	Acid Hydrolysis: 6M Hcl with thioglycolic acids, 110°C, 22h. Thr (1)0.78 Glu (2)2.00 Pro (1)0.98 Cys (6)5.45 Gly (3)2.98 Ala (4)3.98 Ile (3)2.84 Leu (1)1.00 Tyr (3)2.94 Phe (1)1.00 NH ₃ (1)1.43 Trp (1)0.92 Arg (4)4.00
Mass Spectral Analysis	Exhibits correct MW
Preparation and Storage	Store at -20 degree C

ADDITIONAL INFORMATION

Product Categories/Family for Alpha-Defensin-1 active peptide	Biologically Active Peptide
---	-----------------------------

NCBI AND UNIPROT INFORMATION

Molecular Weight	3442.03
------------------	---------

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.comOnline datasheet: <https://stage.aaabiotech.com/active-peptide/alpha-defensin-1/60583>