

TIP39 Peptide

TIP39 (0.1mg vial)

CATALOG #
AAA60662

PRODUCT SYNONYMS

TIP39; TIP39 (0.1mg vial); Ser-Leu-Ala-Leu-Ala-Asp-Asp-Ala-Ala-Phe-Arg-Glu-Arg-Ala-Arg-Leu-Leu-Ala-Ala-Leu-Glu-Arg-Arg-His-Trp-Leu-Asn-Ser-Tyr-Met-His-Lys-Leu-Leu-Val-Leu-Asp-Ala-Pro; TIP39 peptide

PRODUCT SPECIFICATIONS

Purity/Purification	>=99.0% including Met(O) analog (<=1.0%) (HPLC)
Form/Format	White amorphous powder
Molecular Formula	C202H325N61O54S
Specific Optical Rotation	[α] _D ²⁰ -82.0 ° (C* 0.11, 1% AcOH) *c value was calculated from the net peptide weight.
Elemental Analysis	Found: C, 49.29; H, 7.36; N, 16.49 %
Amino Acids Analysis	Acid Hydrolysis: 6M Hcl, 110 °C, 22h. With thioglycolic acid Asp (4) 4.03 Ser (2) 1.38 Glu (2) 2.02 Val (1) 1.00 Met (1) 1.01 Leu (9) 9.05 Phe (1) 1.02 Lys (1) 1.01 NH ₃ (1) 1.26 Trp (1) 0.86 Arg (5) 5.12 Pro (1) 1.02 Ala (8) 8.09 Tyr (1) 1.01 His (2) 2.01
Mass Spectral Analysis	Exhibits correct Molecular Weight
Preparation and Storage	Store at -20 degree C

ADDITIONAL INFORMATION

Related Product Information for TIP39 peptide	Ligand for Parathyroid Hormone 2 Receptor
Product Categories/Family for TIP39 peptide	Biologically Active Peptides ; Parathyroid Hormone (PTH) and Related Peptides
References	M.R. John, M. Arai, D.A. Rubin, K.B. Jonsson, and H.J. ppner, Endocrinology, 143, 1047 (2002) . (Original) . L. Coutellier and T.B. Usdin, Behav. Brain Res., 222, 265 (2011) . (Pharmacol.) . E.L. Dimitrov, J. Kuo, K. Kohno, and T.B. Usdin, Proc. Natl. Acad. Sci. U.S.A., 110, 13156 (2013) . (Pharmacol.) . A. Dobolyi, M. Palkovits, and T.B. Usdin, Prog. Neurobiol., 90, 29 (2010) . (Review)

NCBI AND UNIPROT INFORMATION

Molecular Weight	4504.18
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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.

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Online datasheet: <https://stage.aaabiotech.com/peptide/tip39/60662>