

Elcatonin Active Protein

Elcatonin

CATALOG #
AAA10849

PRODUCT SYNONYMS

Elcatonin; Elcatonin active protein

PRODUCT SPECIFICATIONS

Purity/Purification	Greater than 93.3% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	The protein was lyophilized with no additives.
Sequence	Ser-Asn-Le u-Ser-Thr- Asu-Val-Le u-Gly-Lys- Leu-Ser-Gl n-Glu-Leu- His-Lys-Le u-Gln-Thr- Tyr-Pro-Ar g-Thr-Asn-Val-Gly-Al a-Gly-Thr- Pro-NH2
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Source	Elcatonin Synthetic is a single, non-glycosylated polypeptide chain containing 31 amino acids, having a molecular mass of 3363.2 Dalton and a Molecular formula of $C_{148}H_{244}N_{42}O_{47}$.
Solubility	It is recommended to reconstitute the lyophilized Elcatonin in sterile 18M Omega -cm H2O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	Biological Activity (based on net peptide) was found to be 6695.2 IU/mg.
Preparation and Storage	Lyophilized Elcatonin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Elcatonin should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Product Categories/Family for Elcatonin active protein	Hormones; Hormones; Peptide Hormones
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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/active-protein/elcatonin/10849>