

RPPB1302

Product Information Protein Information

Product SKU:

RPPB1302

Accession:

P14138

Protein description:

EDN3 contains 21 amino acids having a molecular mass of 2643.08 Dalton, and the molecular formula is: C121H168N26O33S4. Disulfide bonds between cys-1 and cys-15 + cys-3 and cys-11.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

EDN3, EDN-3, ET-3, ET3, WS4B, HSCR4, MGC15067, MGC61498, Endothelin-3, Preproendothelin-3, PPET3.

Formulation:

The protein (1mg/ml) was lyophilized with no additives.

Purity:

Greater than 97.0% as determined by RP-HPLC.

Solubility:

It is recommended to reconstitute the lyophilized EDN3 in sterile Acetic Acid not less than 0.5mg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized EDN3 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution EDN3 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.

Amino Acid Sequence:

H-Cys-Thr-Cys-Phe-Thr-Tyr-Lys-Asp-Lys-Glu-Cys-Val-Tyr-Tyr-Cys-His-Leu-Asp-Ile-Ile-Trp-OH.