

## Human Endothelin-2

Item Number	rAP-2518
Synonyms	EDN2, EDN-2, vasoactive intestinal contractor peptide, VIC, ET-2, Endothelin-2, Preproendothelin-2, PPET2, ET2.
Description	EDN2 contains 21 amino acids having a molecular mass of 2546.97 Dalton.
Uniprot Accession Number	P20800
Amino Acid Sequence	Cys-Ser-Cys-Ser-Ser-Trp-Leu-Asp-Lys-Glu-Cys-Val-Tyr-Phe-Cys-His-Leu-Asp-Ile-Ile-Trp.
Source	
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized EDN2 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution EDN2 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.
Formulation and Purity	The protein (1mg/ml) was lyophilized with no additives. Greater than 95.0% as determined by RP-HPLC.
Application	
Solubility	It is recommended to reconstitute the lyophilized EDN2 in sterile 18MΩ-cm H <sub>2</sub> O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**