

Rev04
Update: May,23,2022

DATASHEET

Endothelin 1, human, porcine

Cat. No.: RP12758

Overview

Synonyms	ET-1
Description	This peptide is a potent vasoconstrictor, derived from endothelial cells. Potent agonist for ET _A and ET _B endothelin receptors. Induces the production of hypoxia-inducible factor 1 α , and, thus, the production of VEGF.
Cas No	117399-94-7
Sequence	{CYS}{SER}{CYS}{SER}{SER}{LEU}{MET}{ASP}{LYS}{GLU}{CYS}{VAL}{TYR}{PHE}{CYS}{HIS}{LEU}{ASP}{ILE}{ILE}{TRP}
Sequence Shortening	CSCSSLMDKECVYFCHLDIIW
Molecular Formula	C ₁₀₉ H ₁₅₉ N ₂₅ O ₃₂ S ₅
Disulfide Bridge	Cys1-Cys15, Cys3-Cys11
Molecular Weight	2491.9

Properties

Purity	> 95%
Solubility	The peptide is soluble in water. The contents of this vial have been accurately determined. Both the stopper and the vial have been siliconized. Do not attempt to weight out a smaller portion of the contents.
Form	Lyophilized
Storage	Store the peptide at -20°C. Keep container tightly closed. Store in a cool dry place.
Note	Potent vasoconstrictor peptide

Examples

