

## Big Endothelin-1 (1-38), human

Cat. No.:	HY-P2538
CAS No.:	120796-97-6
Molecular Formula:	C <sub>189</sub> H <sub>282</sub> N <sub>48</sub> O <sub>56</sub> S <sub>5</sub>
Molecular Weight:	4282.92
Sequence:	Cys-Ser-Cys-Ser-Ser-Leu-Met-Asp-Lys-Glu-Cys-Val-Tyr-Phe-Cys-His-Leu-Asp-Ile-Ile-Trp-Val-Asn-Thr-Pro-Glu-His-Val-Val-Pro-Tyr-Gly-Leu-Gly-Ser-Pro-Arg-Ser (Disulfide bridge: Cys1-Cys15; Cys3-Cys11)
Sequence Shortening:	CSCSSLMDKECVYFCHLDIIWVNTPEHVVPYGLGSPRS (Disulfide bridge: Cys1-Cys15; Cys3-Cys11)
Target:	Vasopressin Receptor
Pathway:	GPCR/G Protein
Storage:	Sealed storage, away from moisture Powder -80°C 2 years -20°C 1 year * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### BIOLOGICAL ACTIVITY

#### Description

Big Endothelin-1 (1-38), human is the precursor of endothelin-1. Endothelin-1 (ET-1) is a potent vasopressor peptide<sup>[1]</sup>.

### REFERENCES

[1]. Marie-Hélène Fecteau, et al. Endothelin-1 (1-31) is an intermediate in the production of endothelin-1 after big endothelin-1 administration in vivo. Hypertension. 2005 Jul;46(1):87-92.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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