

## Recombinant mouse Endothelin-1 protein

Catalog Number: bs-42253P

Concentration: >0.5mg/ml

Species: Mouse

AA Seq: 26-202/202

Predicted MW: 38 kDa

Tags: N-His

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

Form: Lyophilized or Liquid

Storage: 20mM Tris-HCl (pH8.0) with 2M Urea.

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

**Background:** Endothelins (ET) show potent constrictor activity in vascular and non-vascular smooth muscle. This family of 21-amino acid peptides exists in at least three isoforms - ET-1, ET-2, and ET-3, and is produced in endothelial and epithelial cells. ET's can mediate biological effects in cells and tissues, and have been shown to bind to an ET receptor in the lung, kidney, heart, and liver. Endothelin 1 is expressed in lung, placental stem villi vessels and in cultured placental vascular smooth muscle cells.

Molecular weight: 2491.9

Molecular formula: C<sub>109</sub>H<sub>159</sub>N<sub>25</sub>O<sub>32</sub>S<sub>5</sub>

CAS: 117399-94-7

MDL: MFCD00133305

Reconstitution: 1mM (1mg/0.4013mL)

### VALIDATION IMAGES



The purity of the protein is greater than 70% as



The purity of the protein is greater than 90% as

determined by reducing SDS-PAGE.

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## PRODUCT SPECIFIC PUBLICATIONS

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**[IF=5.3]** Luo Peng. et al. Microvolumetric determination of thrombomodulin based on competitive immunoreaction using a portable glucometer. MICROCHIM ACTA. 2024 Oct;191(10):1-10 ; . 39251503