

**EDN2, 25-178aa, Human, His tag, E.coli**

**Cat.NO.: TP01966**

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3th Edition

**Synonyms:**Endothelin 2, ET2, PPET2

**Description:**EDN2 is a member of the endothelin protein family of secretory vasoconstrictive peptides. The preproprotein is processed to a short mature form which functions as a ligand for the endothelin receptors that initiate intracellular signaling events. This protein is involved in a wide range of biological processes, such as hypertension and ovulation. Recombinant human EDN2 protein, fused to His-tag at N-terminus, was expressed in E.coli.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

**Molecular Weight:**19.9 kDa (177aa)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSQAAATLEQPASSSHAQGTHLRLRRCSCSSWLDKECVYFCHLDIIWVNTPEQ  
TAPYGLGNPPRRRRRSLPRRCQCSSARDPACATFCLRRPWTEAGAVPSRKSPADVFTGKTGATTGELLQRLRDI  
STVKSLFAKRQQEAMREPRSTHSRWRKR

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.